

cccaccccg tttttaaccg cccccaccc ctaaccacaca ccaaccccca ccccccgcc 180  
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 cccccgcccc gnnntcccc cccccccct accccaaacc cccccgcccc caccaccccc 480  
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 cagatcccc ccccccccaa cacantccaa cccccccccc cccacacaaa caaccgaccc 660  
 ccccccttc ccccaaaccc cccccccccc aaccagcgaa cccccccacc nccnccaccc 720  
 cccaaccct cccccctct cccccccac aacccttca cccccccccc ccccccata 780  
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<210> 13185  
 <211> 536  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13185

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 tcgggcggga gcgctcagtc actctaagcg tgattgggct aagagctaga ggagaactgg 180  
 gctgacaagg gctgaccgtt tagaccaatc tcggtaggat gaggctacaa ctgactgtgc 240  
 ggggccggtg cccatatgcc acttcgtaac tatgacgggc cacataagag ttgcgcgcac 300  
 agtatccctg ctggtaacag aactgcaggt ccattagtgt atgctgtacc ctctcgcggg 360  
 aatcgtaac catggctttg acggaaactg gactcatttg ggtgagtct atcagatggg 420  
 atgtgaagac cctgcgatca ggtctgtgcc ccattgaata tgggcccctg gagcatactc 480  
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<210> 13186

<211> 382  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 13186

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 agaaaaggca taacagccac agtgaggggc atgggcaggg ttgacacgtg ctcagtcctc 180  
 ttgctagtat taccgaaagg atgaatgaca cgagtaactt tcttcgtgtc cacattggct 240  
 cccataggaa atatgaacga cactgaatac taaatactga ttaacatgc actcgaatat 300  
 cagctcgtag aaagattcca gcatttgcgt tctccaggta atactggcac gtatgaatcc 360  
 gacctcatga tcggacttca ta 382

<210> 13187  
 <211> 1063  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 13187

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 ctttcttaca ttgtagagca ggacctccaa gacgtctgtg atctgaaaca tatagtaaaa 180  
 ggggacgaag tcatggaggc attcgaaacc agaacgaagg ggcctgggt ctccaacgct 240  
 ttgaagctcg taattgagt gcaattactg caccctggcg ttgaagacaa ggaaggggct 300  
 ctgaagtatc tttcaatcta agagagaaga gataggtctt tgagccattt caaaagaaat 360  
 agagtaatgg tggttttag tctcagactt tcaaggtag ttgtaccagt tggttacaaa 420  
 tattatgatt tctatctatc ataattttgg tgctttccta tttacagcct tgcgaactaa 480  
 gctatggtat cctgtaactt tttggacttt tactaggacc ttgggatggt aaaaataactt 540  
 agttgggttaa aataatttat cctatacacg ggaaaggatc tttgtaatgg ttgataaatg 600  
 aggttttata aaaggcattt ctttcatcct agttctgatt taaacgtagg gatttattat 660  
 taatctattg taattcgat aaggaagaaa cactacctca cggtatctaa actcaataag 720  
 ttctctcttg atatattaga gtctcgtggg gttaacataa tgaattcttt aaacctataa 780

tgctttgtga aattaatatc atactttaat atataattag atatgtcttt ctacaattat 840  
 tcgcttaagt tcattttcac gcatttagca gttataaaat tattaggagt gcgatcgta 900  
 catcattgga ataattatag tggtagcatc ttactgtttc atgatttctt aataagatta 960  
 acaacatcgc ctctttttta tatatggtcc ctcgctgtat ttcacatcct ctcttctttt 1020  
 gtataggcac ttctcatcta taatatagcg tcgttcgtgg ggg 1063

<210> 13188  
 <211> 1188  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13188

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 ttttggttgc ttgcttaacc gcttttctcc gccttgctcg gacttttcca ttcagtgcac 180  
 ccgcttccta tttgccttat gaacctgccg gtcccacgcc cagtttggtt tattgtctcc 240  
 tcgctaagga acaggcctct caaacttttc tctttgcata acccaagctt ttaataaaaa 300  
 tcttcttatac tggttctcaa tttggtccac gaaccatat tgcttttggt ggcactttgc 360  
 cgctcacacg cggactttag accgattatt cagttcttgc gtggctcacg ttcgacagcc 420  
 cggcttattg aaatctcgaa tccactcgcg acaggagtgc cttttatttg actcatccac 480  
 ctctgaatcg catcgtgtcc gcgcgttgcc tccattgaac gctcacgtct tggcccttct 540  
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 cacgaatctt cccaggatct ttgtcttccc gatcttgata cataacgcat tttctttatt 660  
 ggtcttttagg caatctccag ctaacaagat aaatgtacgc agactcgcgc caccacccct 720  
 tattctccgt caactaaacg tcttcgcttg ccgcctcagt cagcttagtt cgtcattccg 780  
 aagcgagagg gacacggacc aacaatttat aacatacctc agcttccctc gccctcttca 840  
 acacgtgagc gctgtttgag tttttaaatc gtgatattcg ttttttatta ttgggtttttg 900  
 gaccgtaagg gctccctgtg gataaaagaa ttgccgactt caagttgctc aggccggatg 960  
 caccatgact gaagcaagaa tgttcatcaa aactgagcct gacgagcaca acagtgaacca 1020  
 aaaccacttt atgatgtccc aatccggata ttctatgcat aaccaattcg ggaacccgaa 1080

tgatgggatc gacccatcgg acctgaccaa cggaggatctt atcggacgct ttggatttgg 1140  
 cctccacag aatatgtcat ccagcttcaa ttttggaac tccggcat 1188

<210> 13189  
 <211> 1075  
 <212> DNA  
 <213> Aspergillus nidulans  
 <223> unsure at all n locations  
 <400> 13189

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 aaaaagaaag aaaaagaaaa agaagaggaa aaaaaaaac aaaaagaga aaaaagaaga 180  
 aacaaaagaa aaaagagaag aaagaagaa ggagagaaga ggaaaaaag aaaagaaaaa 240  
 agaaaggggg aaaacgaaaa gggagaaaaa aaaagaaaa aaaaaaaga aagaacgga 300  
 taagaaaagg atggagagaa gagaaaaaag aaaaaactat gggaaaggaa aaaaggggag 360  
 agaaaaaaga taaaggtggg aggggaaaaa aaaataaaga gaaaaaaa aaaaataaga 420  
 aaggagggac aaaaaaaaaa aaaaaaaaaa gaagggggaa aagaataggc aagaaaaaag 480  
 aaaaaaaca ataagggtaa acaaagaaaa gaaaaaaag gagaaaaa agaaaagaaa 540  
 aaaaagaga aagaataaa aaaagaaatg aaatggaagg aaaaaaagg agaaagtaaa 600  
 aagagaaagg aaagaacaa aagagaaaga ggggacaaaa aagagaagaa gagataaaaa 660  
 gaaaaaaca agaaaaggaa aagaagaaaa gaagaataaa aaaaaatagg aaagacgaaa 720  
 aaaaaaaag gaaagaaaga agaaaataaa ataaagaaaa agaggaagag gaagaaaaa 780  
 aaaaaggatg aaaaaaata agaaggagaa aatgaagaga aagaaaaa aaagaatgta 840  
 aataaaaaaa aaaaagaggg acaagaagag aaataaaata aaaaataaaa aaaaaaaaaa 900  
 gaagaaggaa aataaaaagt acaaaaaaaa agaaagaaaa caaaagagga aaaaaataa 960  
 aaagaaaaaa agagaaaaaa acaggaaaaa aacaacaaaa aaagcgaag aaagaaaagg 1020  
 aaataaaaaa acaaggagaa agagaagaaa tagaaggaaa agagatgaaa aaaag 1075

<210> 13190  
 <211> 984  
 <212> DNA  
 <213> Aspergillus nidulans

<223> unsure at all n locations  
 <400> 13190

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 accgaggcag acggacgaaa caggacaaaa cgggagagca caaagagcac cgaaaaggac 180  
 acagaaaaca aagcacaacc cgggaaaaca aagccggaag ccaaaaaaca cacaagaccg 240  
 aaaccaagac ccaagccgaa acaaaaaagg cgaaaggccc gaaccacgca aggaaacgcc 300  
 gacgccaaac tgcccaaacc aacaaaagcc aacaacaaga aaagaagccg aaaaaagaa 360  
 accgaaaaaa gaagccgcac cacaagcag aagacagcaa acccgcgggg caaccacaaa 420  
 gccccgaaaa aacaaaaaaa ccacacaggg acagaaagag cacccaaacc aaaacaagga 480  
 gacagatccc gggggcacaa aaaccgagc caaaaaaaaa ggaccaagac agaaaacgag 540  
 aaaaaagaaa gaagaacccc cgaggaacgg aaaaaccccc ggccccaaaa caccggcaaa 600  
 aagccgaaac caacaaaaaa acgcaaaaaa acgaccaggg ccacacagga cacgagaact 660  
 cgaaaaagaa aaccacaaca aaacaaaaca aggcaaacca aagaaggaca acccccaggg 720  
 cccggaaaaa aaaaaacagc accaccaaac caaaaaaacc aacagaaaaa ccccaggaa 780  
 agcaacacaa cacaagaaag aatcccaaaa aagaaaaacg aaaaaaacc acaaaaaaa 840  
 aaagaccccc aaaaaaacac aacagcaacc aaaagagcca gaaaaaaga agaaagaaaa 900  
 aaaaaaaaaa agtataaaaa taaaagaaga aaaaaaannn gggggggggg ggggggggga 960  
 gannaaaaaa ccnccacccc cccc 984

<210> 13191  
 <211> 891  
 <212> DNA  
 <213> *Aspergillus nidulans*

<223> unsure at all n locations  
 <400> 13191

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 aganaanta aaaaaaaga aaanaaaaaa gaaagaaag aaattgtaa gagaaaaaga 180  
 aaaaaaaca acggggggga gaagaaaaag agaaggggag aaaaaagaaa acacgagggg 240

aaaaacaaac agaaagcgag aaagagaaag aatacagaga agaaaagaag gagaaaagaa 300  
 aacaaaaaaaa gaacaaaaga aaaaggagga aagaggagaa gagaaggaaa gagaagaaaa 360  
 aaagaggaaa aagggaaaaa aaaaagaaaa aaaaagggaa aaaagaaaaa gaaaaccaa 420  
 aggaaaaaaaa gaaagagaaa aaaagaaaaa aaaaaaaaga aaaaaaaaaa aaaacaaaaa 480  
 agaaaagaag aagaaaaaaaa aaaggagaag agagaaagaa agaaaaaaaa aaaaaagaga 540  
 aaaaaaaaaa aaaaaagaac aaaaaagaaa agaaaacgaa aaaaaagaga aaaagaaaga 600  
 aaaagaagac aaaaaaagaa gaaaaacaaa gaaaacggaa aagaaggata agaagaaaag 660  
 aagaaaacag aaacaaacga aaaaaaggaa aaaaaaaaaa gacaaagaaa aaaaaaaaaa 720  
 gaaagaagaa cgaaaaaaga aagaacacaa agaagaaaaa gaaaaaacaa aaaagaaaga 780  
 agagtgaaaa aaagaagaac aaaaagaaga aaaagaaaaa aaagaaaaaa aaagaaagaa 840  
 agacaagaga aaaaaacaaa ggaaagaaga agaagacaaa aaagaaaaaa a 891

<210> 13192  
 <211> 99  
 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 13192

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 caatagcgac aaccagcgcg acccatgcaa ccacaagaa 99

<210> 13193  
 <211> 875  
 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 13193

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 ggagaggaaac agccgaagcc gacataccag aaatatctcc aacctctgca cgaccagacg 180  
 gttgtctttg ctctcaacta gtctaaactc agccgctgtg tgcgataaaa catgttgccc 240  
 gtcctttcca gtaaattcat aactgttgat gaccacgaca tccaacggcg aaaacggcga 300  
 gacataaacg cgaacagggtt ggtgtttcag cccagggaaac tgagtccaaa attcttctcg 360

ttgggctctt attgctgggt cacattagac tatagcttct cgaaaaactc gctgttcgag 420  
 tacgacgggc ccaaatacct tgtcgtccgc ccagggtctg aacaggcgtg acaaactcag 480  
 cgtcgtctgc aaacatgtca ctccattctt gtgctgcttc cggggattca ccgtccaaga 540  
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 tttgacctag attgacactc gacatttcca gtacgggtta taggggagat agatgggtgga 660  
 gaatatccaa aggcttcgac tgggcgagcc tgggcgggac aacgcacttc tatgattccc 720  
 tggccctttg gttacaagtc cccaaccctt gggacgctga atgccccctc ttgcacacca 780  
 gggtggttgc tttttggggc ccccgagat tgctccctag caacatcagg cacctttggg 840  
 aggccagaac caaagcttgg tcccgtcttg ccaac 875

<210> 13194  
 <211> 570  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13194  
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 cgggggcttg gattgttgat acgattccat tcagtcagt caaacctgtc cggatgaacg 180  
 ttttgctga attgtagcta acgaaggaac gtttagtgaa atacctccca tcctgggtcc 240  
 ccggcactgg cttcaagcgc accgctgcat cctggaaaca gaccctgctt acgacgattg 300  
 agaagccgta ccggcttgtg ctgaagcagc tggaatcggg caagtaccct gactcatacc 360  
 tgtcgaatct actggaagag aaaaaggcc gccccctcag cgcagacgaa gagcagggtta 420  
 tcaagtggac agccgggtcg ctgtataccg gtggtgcaga tactgtacgt tctccagtct 480  
 gaatcacgag ccgtccctag gagcattttt gctaacaggc agcgccaaca gaccgtctcg 540  
 acactctcct gcttcttctt tgccatggcc 570

<210> 13195  
 <211> 162  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13195

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ctgactcagc acttcggtcc accaccagta gtgagctcca ga 162

<210> 13196  
<211> 808  
<212> DNA  
<213> Aspergillus nidulans

<400> 13196

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caggaaacct acgaggtctt taagccctac atattgaaac acaccaacat ctgcctacaa 180  
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ggacggatcg gtttcatcat gccgggcgta tgcttcagag accacatggt ggggatgttg 300  
ctagctgaat aaaatttcta ttcagctgca atcaaatttg cgcagggtcaa ctaacggaaa 360  
ttgctcaatc gagccatctt gtggtcattt cagctcttcc aaactgactt agcacgtttt 420  
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cactttttgt attccctca tgaatacttt tctgactccc tttttcacga ggccaagtat 600  
ctttctcacc acttttccat ataatatctc ctctatctct aatatttatt tcttttatac 660  
actcttttct cctcctctaa aattctcttt cttcttaatt atacatctca tccttttggt 720  
ctccttgcat gccaaatcta atgctcttac ttctcctccc atctccgttt acccccatta 780  
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<210> 13197  
<211> 1019  
<212> DNA  
<213> Aspergillus nidulans

<223> unsure at all n locations  
<400> 13197

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 ctctctcttc ttccctcttc cctctccctc cttctttttc ccttcttttc ctctcttctt 180  
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<210> 13198  
 <211> 938  
 <212> DNA  
 <213> *Aspergillus nidulans*

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 agtgtttgcc gatgagtcgg gtgagcggac caaggcttcc accagggagg accttgaaga 180  
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 ggcccacaac ggcatagtag attctcgcca ggatatgcca gccaatccga ctcggtgttg 360  
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 tgttcggggg gaggttggag cggggcgga caacggtgcg aagaccgatc tgtgaaccag 660  
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 aggcggactg gtggatagta acgttgcgga cgatacggca gccaatatgc ccgtagtaga 840  
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 <211> 886  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13199  
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 aggggtctcgt ttgccgcttc gctccccctc gccccctccc ttcccatcct atcctccccct 180  
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886

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<211> 409  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 13200

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gagaggtaca catacctcgt ttatttgtgg gcaagcgcag atccttaaca ccatactaca 180  
gactggcgct ctatcattat ggatatctat gccgctcaga gagtggcagg gatatcagcc 240  
gagacggtac tcagcaggag tgcttttgtg ggtgtgatgt ttaacgtaaa ggtttattgg 300  
cctgggcgag ccatattgcc gcttatgaat ctacagtgat tttaaagatg aggggaccac 360  
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<210> 13201  
<211> 828  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 13201

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gacgctcact gtcagcttgc atagaccact gttgaaatga gaggtcttgg tgacgtgcgg 600  
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 ctcggaatac gattgaatac aatataggtg taaccttctt actgttttct ataaatggcg 780  
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<210> 13202  
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 <212> DNA  
 <213> Aspergillus nidulans

<400> 13202

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<210> 13203  
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 <212> DNA  
 <213> Aspergillus nidulans

<400> 13203

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 gtgggtatgg actcggatga cagcgaagaa gatgaggatg gggagggttt cgacgacggg 180  
 ttctccgacg aagacgagga tatttcgggc gaggatgaca gcgaagacga tgaagatgct 240  
 aaagaagaag aagaagaaga agaagaagaa gaagaagaag aagaagatga cgagtctgaa 300  
 gatgaagaag aaaagaccgc gaagcccaaa cgccgcgtcc agtttgcgaa cgccaaggtc 360  
 gcagacacat cagacgaccg cgcccaactt cgtcaactat tggcgacaga ccaaaaaact 420  
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<210> 13204  
 <211> 1327  
 <212> DNA  
 <213> Aspergillus nidulans

<223> unsure at all n locations  
 <400> 13204

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aaaaccagga ggaaaaagaa aaagaataag aacaacaaaa taaaaaacga ccaaatatat 180
ttaaaaaacga gaaaggaaca gaaaaataat aaacaaaggg gggatattca taaaaaagca 240
taataaaaaag ggaattacaa aaaaaaaaaat caagaacaca aataaaaaaa aaaaaaaaaa 300
gaaaaaaaaa gaaaaaaaaa aaaagaaaca caaacaaaaa aaaaaaaagt tatggaaaaa 360
aaaaaagaaa taaaaaaaca agacataaaa aaaaacaaaa aaaaacaaaa agacgaaaaa 420
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gagaaaataa gataaaaaga gaatgaaaag aacacaaaga gaaggacaat agacaaagaa 540
tataagagat aaagatccat gaatacacia tacaactaat aagaagaaaa agaacaagaa 600
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aaaaaaaaatg aaaaaataga gtaaaaaaac agaaataaaa taacaaaaaa aaaagaaaaa 720
taaaacaaag aaaagaaaaa aagtaaacaa aaacaagata aaaaaaaaaa aaacaaagaa 780
aacaataaaa aaaacaaggg aaaaaataagc acaagattca aaaaagaaca aaaaaaaaaa 840
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aaaaaaaaaa acaacaaga ataaaaaaaa aatcaaaaa caacaaaaaa aataaatcaa 1260
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<210> 13205
<211> 581
<212> DNA
<213> Aspergillus nidulans

<400> 13205

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 agcttgagcc gttcatgcfg tctctggcca tcaactgacta cgactgcaa aaaccgagga 180  
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 <212> DNA  
 <213> Aspergillus nidulans

<400> 13206

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 ggtagatttg tcgcctcgag gtagcattta accgccgtaa cccaaaagcg accatgatgc 180  
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 aaccacgtca gcatgtattt tataagtcac gaaatcggtg cccattctta agtggcggtg 360  
 agcgattgca ttgcgatcca gtgggttata ctccaaattt gtacacttca cccatcatac 420  
 gttgtaagaa tgtgcattcc gaattgtccg aattgatctg gagagtgggtc agaagtcccc 480  
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<210> 13207  
 <211> 764  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 13207

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ggttcattgt cgcttggtgg tcaaccaccg cgtggaccac cttttgcgcc agcaacaccc 420  
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ttaactttat ccgcgtacgt taactttttt tccccgcagc aggtacattt aagtctacag 660  
gcaatacttt cgtaccgttt ttggtcttgc agcagttgca tctagacttt tctcacggat 720  
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<210> 13208

<211> 1235

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 13208

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gggggggaaa gaagagaaaa aggggggggaa aaaaaagaaa aggagggaag aaagggaaga 240  
aagaaaaaga gaaaaaaaaa gggaaaaagg ataaggaaaa gaaaagagag aaaagaagaa 300  
gaaaggaaaa gaagagaaaa gaaaagaaaa aggaaagagg agaaaggaaa aaaaagagga 360  
gaaaaaaaaa aaaaaagaaa aaagaaggga aaatgaaaaa aaggaaaaag aaaaaagggg 420  
agaaaaaaga gagtaaagaa agagagagga aaaaaaagg gaagggaaga aaaaggagga 480

aaagaaaaag agaaaaaaa gggaaaaaag gagagagatg aagaagaaaa agagaagagg 540  
 agggagagga aaaaaagaag aaaaggaaaa aggaggagaa aaaaaaaaaa ggaaaaaaga 600  
 aaaagaaaag aaaaagagaa ggaagaaaaa agaagaaata tgagaaggaa aaaagaagga 660  
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 aagaagaaaa aagagaaaag aaaaaaaaaa gagaggaaaa agaagaataa aaaggaataa 840  
 agaataggaa agagagaaaa ggaaangagg agaaaagaga aagaggaata agagaaaaga 900  
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 aaatagaaag aaataaaaga aaatgaagaa aaaaa 1235

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 <212> DNA  
 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
 <400> 13209

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 ggatgtagga cgaattctta ctacattatt ggctaatcgt gcagaatata ggggtttacga 180  
 caggaggaca tccaggagag gatgtattac tacattctta tggaccttaa aaaccagca 240  
 aggttgattc caaatacaca cattgcaaaa acagtggcga aagcaaagt ctgtaacttt 300  
 gaagaagtac cgaataacat cttttagagg agtgacctat ctttaaaga aaaatcgggg 360  
 cacctgttaa aagtcctca aaaccactg gagcaaaactc cgtacccct tggcaacaaa 420  
 caaattaaat tctaaagtgc acattttttc ggagaccaa aatagaattc ttgataaaat 480  
 ggtatggggg gtatgaattt taagaacttt tttcttggtc atctggattt ggtaaaagcc 540  
 ttctcctctc ccacagaagg cgcttctaca tctctggatt cggctttttt attcttgaac 600



aatttttacc ccattaactt ttatctgctg tccacctttc gccatatatc ctaaccacta 660  
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 tcattctttc catcatcaaa cattcatccc ctctcgatct atcttttctt ctacacact 780  
 tctctatgtc ttctttttt ctgatcacac gtcatttttc ctcatctctt tcgtcacaat 840  
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<210> 13210  
 <211> 802  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 13210

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 caccactcc ctttgttatc tctctcttca ccttaaacac atgttccatc attgtctccc 360  
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 cgtcttacct cccattctct tcactatac taacttacct atcattctca cttattcatc 480  
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<210> 13211  
 <211> 518  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 13211

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<210> 13212  
 <211> 557  
 <212> DNA  
 <213> *Aspergillus nidulans*

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 gcctgagata gaggagcaca ctggatgact gagaagatga tactaatatg tctgggtgaac 240  
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 gatgtgatct gtgaacg 557

<210> 13213  
 <211> 369  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13213

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atgcagcgat cgctcgtacg cccaccagag cggccgccgg tattaaatac aactgacct 180  
cgaggtggaa actcttctg cgggcaactc acgggggcca tccgatcaa atgccagat 240  
gttgatttcc cgggggggat tcaggcgatt ccagccctat taaggggaga atcaagccct 300  
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<211> 339  
<212> DNA  
<213> Aspergillus nidulans

<400> 13214  
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accgcaatcg agaggacggc aagtcctaac aggacgttac ataatacatt ccgagcgagc 180  
cgctggcatc atatacgaat gacaacttgc ctcatctaga cactagaccg gaacgttgcc 240  
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ttctggaatc cgaaccaatt ggggaacttg tgggtcccga 339

<210> 13215  
<211> 391  
<212> DNA  
<213> Aspergillus nidulans

<400> 13215  
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caggaggagc gagcttctct cacgggcaac ccaccactga cgtatcgacg aaacgcgtgg 240  
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391

<210> 13216  
<211> 722  
<212> DNA  
<213> Aspergillus nidulans

<400> 13216

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gttcgttatt agagcagagg tgataagata aaaatagtta atgggtgtta tcctttttta 660  
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tt 722

<210> 13217  
<211> 525  
<212> DNA  
<213> Aspergillus nidulans

<400> 13217

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<210> 13218  
 <211> 781  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 13218

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 caaaatagat gaatgtctat ttgattttga tagaagaaga gtttcagttg ctatagaaaa 240  
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 aggaaataaa acacctaatt tgaactttgg gcaagagcaa gggatgctaa ggtggtggca 420  
 gttggcatat taaccaatth aaataggggt taaaagggga aagtaattct attaaatgaa 480  
 tgaaatagaa attgaaacct cgttggatat tgtagggttt tttaaattca acccaaacaa 540  
 ttgggttttt gttgaacttt atacttttaa aagaaaggag tccaaggga aatttttacc 600  
 aagggataac gaggtcctgg acaaggaaat tatgttgga aaatgggctt gtttatagaa 660  
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<210> 13219  
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 <212> DNA  
 <213> Aspergillus nidulans

<400> 13219

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gagcgggtaca acattgaggc gtgaccgtcc gccgaatccc gacagcagcc aagctgcgct 540  
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<210> 13220  
<211> 273  
<212> DNA  
<213> *Aspergillus nidulans*

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aatccaacaa ggatgcgcca gaacaggcat cgcgtcataa ccgccgatca tcacagagcc 180  
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gtaccgtatg gacgggctag ctgacatgta cca 273

<210> 13221  
<211> 462  
<212> DNA  
<213> *Aspergillus nidulans*

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<213> *Aspergillus nidulans*

<400> 13222

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<210> 13223  
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<213> *Aspergillus nidulans*

<400> 13223

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<212> DNA  
<213> *Aspergillus nidulans*

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<210> 13225  
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 <212> DNA  
 <213> Aspergillus nidulans

<400> 13225

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 <213> Aspergillus nidulans

<400> 13226

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 <212> DNA  
 <213> Aspergillus nidulans

<400> 13227

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<210> 13228  
 <211> 590  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 13228

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<212> DNA  
<213> *Aspergillus nidulans*

<400> 13229

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<212> DNA  
<213> *Aspergillus nidulans*

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<210> 13231  
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<212> DNA  
<213> *Aspergillus nidulans*

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<212> DNA  
<213> Aspergillus nidulans  
<400> 13232

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<210> 13235  
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 <212> DNA  
 <213> Aspergillus nidulans

<400> 13235

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 <212> DNA  
 <213> Aspergillus nidulans

<400> 13236

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<210> 13237  
<211> 730  
<212> DNA  
<213> Aspergillus nidulans

<400> 13237

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<210> 13238  
<211> 1327  
<212> DNA  
<213> Aspergillus nidulans

<223> unsure at all n locations  
<400> 13238

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<210> 13239  
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 <213> *Aspergillus nidulans*

<400> 13239

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 <213> Aspergillus nidulans

<400> 13240

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<210> 13241  
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 <212> DNA  
 <213> Aspergillus nidulans

<223> unsure at all n locations  
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<210> 13242  
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 <212> DNA  
 <213> Aspergillus nidulans

<400> 13242

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 ccgatcatta atacgatgtt cttctaattc taaacgatta atctcttctc ttaatttctg 300  
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<210> 13243  
 <211> 909  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 13243

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 gccgatctgc gtcgcattcc acctccggac cctgtccctt gggactggcg cctttttggc 840  
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 <212> DNA  
 <213> Aspergillus nidulans

<400> 13244

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157

<210> 13245

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<212> DNA

<213> Aspergillus nidulans

<400> 13245

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<210> 13246

<211> 476

<212> DNA

<213> Aspergillus nidulans

<400> 13246

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caaggtagct tgatggagct caacataaac atcatgcaca ctgatctcat cccctttgat 180  
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cgtatctcat attatataca gatatgctaa accggaagag catggatgac gattgtacct 420  
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<212> DNA  
<213> Aspergillus nidulans

<400> 13247

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<211> 787  
<212> DNA  
<213> Aspergillus nidulans

<223> unsure at all n locations  
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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13250

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<400> 13251

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<212> DNA  
<213> *Aspergillus nidulans*  
  
<400> 13252

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<213> *Aspergillus nidulans*  
  
<400> 13253

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<212> DNA  
<213> Aspergillus nidulans

<400> 13254

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aagaaggcct tccgtcatgg cttcgtccca gctctccggt cttcgagcgg aaagcagcag 840  
gagcactaaa tctccagctc tcattcttag ctgtgaaact gtgtctttct aggattgcgc 900  
tgctggagat acaccgatcg aatgagtctc ccgcggagga ggataaatta tactaccgat 960  
ctatatgccg gaaggcccaa gacctgtggt gtttt 995

<210> 13255  
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<212> DNA  
<213> Aspergillus nidulans

<400> 13255

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ccctcgagta aagtccccga tacttctagg tacggctagc agtaaaagag tgagattcca 180  
aagtccaata tacggcgcaa ttgatgatgg gtcacagccc accaggcacg tctgccagggt 240  
ttcaacgaca caagactcca gtccatacct cagaaaccgt ccacttctgg atggaagaca 300  
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tgcgaaagtg aaactcgagg tcaactgagag ttgaatcgtg gccgattgga aagcgccaag 480  
ccccacatga cttcccaatc gggttcaggca ctctgccggg ctcgattcgt gatgtttact 540  
ccgtacctac tccggattgc caagacgcaa gagtaagact gtggtaggac ttggttgctt 600  
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cgagtccacg tcaactctgt actctttttg gtaagctaca tttaaatacca tgtaccccct 720  
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acggattccg cagcattgag tctcgatgct atgacgcact cacgaattga ggcggtctaa 1080  
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<210> 13256

<211> 693

<212> DNA

<213> *Aspergillus nidulans*

<400> 13256

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agaagttttt tcgttaaata tgaacgctgt aaatagcagt ttagaagaag catacacaac 120  
tgtgaacggt gtagctgaaa tgacagaaga gttaattgga caagcatatt tagtggaaaa 180

attaattcag tacggttaacc gttaccgtag tcatgatgaa aacctagcag aaagtttaaa 240  
 ttatgctgag aaattattcc gtgaatacca atacgatgca gctttagaac aagcggcttc 300  
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 acaaaccctt tcataaaagg ggttgctttt ttatgtaatt ttgcaggcga tgttgctata 420  
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 ggaagattca ttcccaatga tttctagcct tcaccaatcg ggcatttacg ggcagttaat 540  
 ctcccattac tttttgtta actggatttt gggtagaggt cttatgcccg ttacgcggat 600  
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<210> 13257  
 <211> 546  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13257  
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 ctgtcctttg ttccacaca cgtgcgcgtg cttgcatcgg aggacctctc cgctgtgaag 180  
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 aagcattcag ccattgcgag tggagcgaag gagatgtgcc gaaatatatt cgcccgcgag 300  
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 gacttt 546

<210> 13258  
 <211> 504  
 <212> DNA  
 <213> *Aspergillus nidulans*

<223> unsure at all n locations  
 <400> 13258

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 gatataatcc tgaaaccttt aggacgccag gggccatata tgatgtgtga atcaccaaga 180  
 gccgaatccc ttatttgctg attaggcggc ctaatggaac aaggaggata atgctaccaa 240  
 ggagctcgca ttggacgacg ggcttgagaa tataaagatc agaggactaa taggatcagt 300  
 agagcacaca taagcgagag attttgtgag agtaggacct caataaagat tcaacagcac 360  
 ttcgcgagaa tgtgatgagc gcacctgaat ttgatganag nnggcattgt ctatttctcg 420  
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<210> 13259  
 <211> 525  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 13259

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 ccggccgcgg agtcatcatc cttcgcccga gaacctctct tttgattagc cgtgtccgca 180  
 tcaccgtcat cttcatcatc gttcaccagg ctagggcgca tcacgtagtc cataagcttc 240  
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 tggatcagtt cggattcgtc tagcagctct tcaaggctga caacggggtt gtccagaagg 360  
 gagtcgatgg cggagacgct cgcatacccc ccgaagcgcc aaaacatggt ggattaaatt 420  
 accggaagaa acgattcatg taaaaaaagt agggatcac aagctttttt caacacgta 480  
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<210> 13260  
 <211> 848  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 13260

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atcaccggct atctctgtgt attgggggga tactggacgt tttattgctg tccacacatc 120  
 tgggtgtaga ctagctccaa tgaatatgga aacttggtta cgcttgctta ggttgatgga 180  
 gagcattttt tatcagacca caacttgata caagtagctg cattggggaa ctattataga 240  
 tctaataagca ttggatgcca agaccctgta actttaagag gtttgtatgg agagatctga 300  
 caagcgtcag ctttccctac cttgtaatct attcgaacgt caatcctggc ttcctctcta 360  
 tctaattgtag cataaaatct ttgtcgtttg cgctgccaca acttcttttg gttcctttta 420  
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 aaacatggtg gtcaggacac aaggtctctt cccaaacctc cttttctttg ccgtattttt 540  
 ttctttttaa aaataaactg ctggtatggg gaacctgctt aaaacttata attttaactt 600  
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 taagactatt tccctatggc tctacgttat atgtcacctt cctaataaaa acccttaaca 720  
 ttacccctct cccgatttat taattgtctc ccccaaaga ctattatatg tggaaaatct 780  
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<210> 13261  
 <211> 620  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13261

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 gcaattccag agtcgagttc tactgacctt gatctgacga aacccaaaca atcccagcag 180  
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 gtatctgtaa tagtggccgt tcttatgata agcccccttc acaacgtggc cgtgtgacac 360  
 ttcaaacttc ccacataccg tctgcacact gcattgcacc gtgccgattt gccataatgg 420  
 ggccagacac cagcctctca ctggctggtta gaccatcggt aaatatcgca tggaaaccggt 480  
 attctcagac caagtcatgc acgtactagc tacttataga ctagtgcaaa ccaacaatcg 540

gtttcgatcg caattggccc gttcatctca aatcagggat catccttccg ttccttaatc 600  
agaacgggtgc atggtcggga 620

<210> 13262  
<211> 675  
<212> DNA  
<213> Aspergillus nidulans

<400> 13262

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taaatagtcg cttcgggggg atcattaaaa tcatcggtgc cttcggtctc ggttcgcttc 180  
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tgagaaacat ttgccgttgg cgaggtactg cgttgctcaa tcttcgactc ctcaggttca 300  
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gcaaacgac cctcgtagt ttcgtgtgcc tccgaacgc ttcgagaaac atccttggca 420  
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gttgggcggt cagcctccca ggtccgttca ggttgattgt caaaggagac ggtctgtcga 540  
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gccctcacga aacccgaat tgttgggtag caggaggttc tgactcgccg ttgccgaacc 660  
acatcgatgg gagat 675

<210> 13263  
<211> 1221  
<212> DNA  
<213> Aspergillus nidulans

<400> 13263

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caacgccagg attgggagca catgatgctt ggtggaatgc gtggcgaact tgttcccctt 180  
gcaattgcac cagagagtca tgcttatgag cttagacaaa agttccaaac atacggcctg 240  
gaacttgaac ggaccgatat gagtgcgat ccagagtcga tactcgcagc acatttgagt 300



aatgggacaa tagcgctcta cagtacaacc acaggagagg cagaggttca accattcgga 360  
cgtcttcatg tcgatgccgg gagtcctgca cgttacaaga gctccagggt tctctcctca 420  
gaccgcttgg ctgtggcgac gggacgcca gaagatgcaa tcgccgtctt tacgatctcg 480  
caaggacgat tgacggttga gcactcatta tcggccgatt ttctaggctc gccggcctta 540  
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ctcacaagcc atacgaaggg ctttacatag acatagcggg ccagaacccc gtatactgca 780  
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<210> 13264  
<211> 582  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 13264

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acaaatccat attcaatatc gcggatcatc tagctaaacc accaatccat cactcccgga 180  
gccggatgga gcgggtatca aaacagaccc cggccctacc catcattact cacatatgca 240  
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ggccgactgg aaaccgggag aagcccagac gacggatcag gcagatattt agacggccta 360  
cagaagctca atttcacact gggcccatct tagtgggtcg ggccgtaatt tgacctcttg 420

agcccgtca tgattaagtt ctgcagcttt gatatatcga atgactctgc accatgccct 480  
 gttgaagccg cacctgtcag cacaacaatt gccgctgaga gatcatgccc atgtgatgcg 540  
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<210> 13265  
 <211> 743  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 13265

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 ccttccag cccatgatgg caccggctca catgccgcca caaccgcttc ctttacaacc 180  
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 gcaaactcca actttgtcgg ctgctcctct gttgctgatt caccagccc acgactccat 660  
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<210> 13266  
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 <212> DNA  
 <213> Aspergillus nidulans

<400> 13266

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 tgatctgtat ttggaaatgc gtccacaata ggtgggtgtc cgactgcgat caaccacat 180

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 <211> 1229  
 <212> DNA  
 <213> *Aspergillus nidulans*

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 gatgatccgg agaaactacc tactggcgtg ttctgagctt tgtaaaccca cataccgctt 240  
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cggagacgtt gcgacccgcc ggcgccgggg ataacgcca gcttgatctc aggctgtccg 840  
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 tgatgatagc gccaatatcc atgatttcat cgtatttggg gagagcatcg ttcacttctt 1200  
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<210> 13268  
 <211> 529  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
 <400> 13268

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 ctgagggctt tcagctgtgg aacagagaca cactccggt acaacatctg aactattaac 180  
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 ataggcaaat caacagggga tagagtagga aaaacgctcc ttcacgagct tatacagaga 300  
 cgtgacagta ataacttgaa cgcatgattg attactctgc agctactaa tgcataacca 360  
 cctgcagttg tatacatagc aaaaggcgga atgcaactg atcgaagaca tgatggacac 420  
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 <211> 601  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
 <400> 13269

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 acgtcggaaa agggaacgaa ggtggccatg gagatttgnt cgcgtgctcg caaccgtcca 540  
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<210> 13270  
 <211> 853  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
 <400> 13270

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 cattaatttc gctctcattc tgcgagtaag aacgacagcg ccaattgtac aaagaagtgt 180  
 aattccttct gcaacgaaga tattgattgt ttctgcttgg taaagggccg agaaaaagtc 240  
 tacaaatgcg cggaatagta tagcgtatac taggaagata tatttggttct gttttactgc 300  
 gtataaaaca tgcattgtaa aggcaatttg aagcacgagc gccataattc tttctaagct 360  
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<210> 13271  
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<212> DNA  
<213> *Aspergillus nidulans*

<400> 13271

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<210> 13272  
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<212> DNA

<213> Aspergillus nidulans

<400> 13272

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gcaagtcagt tagtatcaac tgggttttag aaacagccaa gcgctactta ctgcaatcct 660  
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<210> 13273

<211> 399

<212> DNA

<213> Aspergillus nidulans

<400> 13273

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<210> 13274

<211> 800  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13274

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<210> 13275  
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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13275

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<210> 13276  
 <211> 736  
 <212> DNA  
 <213> Aspergillus nidulans  
 <223> unsure at all n locations  
 <400> 13276

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 <211> 864  
 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 13277

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<210> 13278  
 <211> 740  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13278

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 <211> 397  
 <212> DNA  
 <213> Aspergillus nidulans  
 <223> unsure at all n locations  
 <400> 13279

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<210> 13280  
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 <212> DNA  
 <213> Aspergillus nidulans  
 <223> unsure at all n locations  
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<210> 13281  
 <211> 894  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13281

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<212> DNA  
<213> Aspergillus nidulans  
<223> unsure at all n locations  
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aagagagggg aaaaaaaaga aaaaaaaaga aaacaaaaga aa 240  
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aaaaaagaaa aaaaaaaaag agagaaaaaa aaaaaagaa aagaaaaaga aaaaaaaaaa 420  
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 <212> DNA  
 <213> *Aspergillus nidulans*

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<210> 13285  
 <211> 821  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13285

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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13286

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<210> 13287  
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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13287

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cgagccttta aggcactcga atgcgcaggc acccggtggg cttccacgta tttaccattt 600  
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<400> 13288

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 acccagcacc attgagtatc cgggcttcga agtgaaggcg cgcttgaaac agggtcagta 480  
 tttcggcgag gttgtgagcc tatctctggc gcctcgctgg actgcaaccg tacgctctat 540  
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<210> 13289  
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 <212> DNA  
 <213> *Aspergillus nidulans*

<223> unsure at all n locations  
 <400> 13289

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 gtcttatctg atgtcctcca gaaaccattt tgttcaacaa gctggcgcaa aaaggaaatc 180  
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agccaacgac caatctgatt aggagacata accacgccgc ttagtgtctt cttgtactcg 300  
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cacattcaaa tcatgattga caagtctgtc ttgattggaa gtcctattga gtaagaccgg 660  
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aa 722

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<212> DNA  
<213> *Aspergillus nidulans*  
<223> unsure at all n locations  
<400> 13290

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aaaaaaaaaa ataaaaaaaa aaaatattgt ttaataaaaa taaaagaaaa aaacaaaaaa 240  
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aaaaaataaa ataaaaaata aaagaaataa aaaaaaaaaa aaaaaataa aaatgaaaaa 420  
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atagaataga aaagaaaaaa aaaagtataa aaaaaaaaaa aaatagaaag agaaaaataa 720  
aatagagaag aaggaaaata gaaaaaaaaa aaaaataaat taaaagaaaa aaaaataaac 780

ataataaata aaagagaaag gaaaaaaaaat gaagagataa agaaaaatat ataaaaaaaa 840  
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 aaagaaaaat atagaagata aaaaataaaa aaaaaaagaa aaaaaaaga aaaaaatgaa 1020  
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 aagaaaaaaa ataagtgata taataagaat aaagaaagaa taaaaaagat aaaaggggag 1380  
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<400> 13291

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 aatgtcagga tagtccgcaa gcatcgcttt ctgaaccgca tccgagacct tctgtgtaag 180  
 attgaccgat cgaacatcct tgccgcagaa cgcagcgaat gtagtgataa ctttctggac 240  
 ttgttccgcg agctctcgtg tagggactag aatcagacca gtggtcgctt tcatggaagg 300  
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<210> 13292  
 <211> 546  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13292

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 cgctcgggta tcccaccacg aacgctcgga actaaccatt cctaaccgaa ggctaaatg 180  
 gaacgagcaa actgacttat catatgccgt gtgagccaac gcctctataa atatatcaca 240  
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 atcagtggga taacctatga gctcagctgt ctgagggaac tcaactgccag caggaaaggc 480  
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<210> 13293  
 <211> 527  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13293

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 gaccacgttg tgccactgtc gaacgcatgg aatgtatgta cccatcaagc gaacaccaac 180  
 ggcaatagcg ccctagaatg ctaggaatgc tagatgctag ggagccagga atgcaggcat 240  
 ttttcgctaa cagtacgcat cgcagtctgg agcaagtga tggacgaccg acgagcgcca 300  
 ggcttttgcc aacgacttga gcattccgca gctgctcgcc gtgacagaca gtgtcaatca 360  
 gcagaagagc gattctgggc ccgaggagtg gctgcctcca ctoggtactt gatccttgca 420  
 atccctgtct atcagttttt gacaagtaac tgacatgttc atgcagagtc ctacactgta 480  
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<210> 13294  
 <211> 1131  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13294

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aaaaaaagaa aaaaaagaaa gaagaaaata aaataaaagg agatgaagag aaaaaaaga 180

ggaaagaaaa agagaaaaaa agcaaaaaat gaagaaggaa ggaaaaaaa aaaagaaaat 240

aaaagaaaaa ggaaggaaaag aaaaagagaa aaaaaagaa aaaaatgaaa gaagaaaaaa 300

atagaagaag atgtaaatac aaaagataag aaacaaaaaa aaaagaaaaa taaaaagaaa 360

ggaaggaaag aaagagaata aaagaagaac aaaaaaaaag aaaaaaata aaaaaaaaaa 420

agaatgaaga aaaagagaaa gaaaatagaa gaaggaaaaa agaaagagaa gaaaaggaaa 480

aaaaaagtga aacaagagga aagaaaaaaa aggaaaagaa aagaaaggaa ataaaaaag 540

aaaaagaaaa agaaaaaaga aaataaaaag gataaaagag aatgagaaga aaaaaaaaaag 600

aaaggataga gaggagaaaa gaaaagaaaag caagaaaaaa gaaaagagag aaaagaaaag 660

aaaaagggag gaaaaaaaga aaataagaga aaaaaggaaa aagagaaaaa aatagaagaa 720

aaaaaaagag aaagaaaaag aaaaaagaag agaaaaagaa aaaaaaaaaa gaaaataaga 780

agaatgagaa aagaaagaaa gaaagaagaa gaaaaaaaga agataaaaag aaaaaagaaa 840

atagtagagg agagaagaga aacaaaatga gagagaaata aagaaaagag agaaaaaaa 900

gaaagaacag aagaagagga aaaaaaagag aagaaaagag aaaaaagata aataggaaaa 960

aaggaaaaaa aaagaaagaa ggaaaaagag aaaaaaaaaa ataaagaaaa aagaggaaaa 1020

aggaaaaaga gataaaaaaa gaaaaggaag aagaaaagaa tataaaaaaa tagaagaaag 1080

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<210> 13295  
 <211> 1167  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13295

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agaaaaaaa atggagagaa aaaaagagaa agaaagaggg ataaaaaaa aaaaaaaaaa 240

aaaagaaaa aaaagaaaa aagaaaaaaa aaaagaaaa gaaaaaaa aagaaaaaga 300  
 aatgaaaaaa agaacaaaaa gagaaaaaat aaaagaaaat aaaagataaa aaaaaagaat 360  
 agaaaaaaa aaaaaaaaaa aaataaaaaa gaaaaaaa aaaaaaaaaa aaaaaataaa 420  
 taaaaataa aagaaaaaga aaaggaatag ataaaagaat agagaaaaaa agaaaagaaa 480  
 gaaaagaaaa aaaaaaaaaa aaaagaagag aaaaaaaaaa aaaaagaaaa aaaaaaaaaa 540  
 aaataaaaaa aaaagaaaga aaaaaaaaaa aaagaaaaaa aagagaaaaa aaaatagaga 600  
 aaaagaaaaa agaaaaataa taaatagaag aatacaaatt aataaaaaaa gaaaaaaa 660  
 aaaaaaaaaa agaaaaaaag aaaataaaaa aaaaaaaaaa aaaaagagaa aaaaaaaaaa 720  
 ataagaaaaa aaaaaaaaaa aaaaaaaaaa taaaacaaaa aaaaaaaaaa aaacaaaaag 780  
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 taaaaataa gaaaaaaa gaagaaagat agaaaaaaag aaaaaaaaaa aaaaaaagt 1080  
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 <211> 683  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13296

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 aatactcatt atggaccctg ctcaaatttg tggttccttc aaccgcctga aatctctaca 600  
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 <212> DNA  
 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
 <400> 13297

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 aaaaaaaaaag aaaaagaggg gtataaaaaa aaataaaaata aaataaaaaa aaaaatcata 240  
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 ataataataa ataaagaag tataaataca agaatacaaa taaaaaaata taataataaa 660  
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<212> DNA  
<213> *Aspergillus nidulans*

<400> 13298

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cacggaaggc gaagttcagg gcctgagtag ggaagtaacg gatgacgttg gcagtgttac 540  
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<210> 13299  
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<212> DNA  
<213> *Aspergillus nidulans*

<223> unsure at all n locations  
<400> 13299

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caccggttaa ccaccatggg cagcaacaga tctactctc atttctggga cctcactcta 180  
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 cctgatcgat aacacagaaa gcttatacta tgctgtatat gcaagactca tcatggagat 840  
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<210> 13300  
 <211> 680  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
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<210> 13301  
 <211> 1064  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 13301

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 <212> DNA  
 <213> Aspergillus nidulans

<223> unsure at all n locations  
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 gagaagggga gagaagaaag gaaagaaaa agagaaagga aggaggaaat taagaatgaa 180  
 ataaggagaa aaaaataggg gggagaagaa aaaaaaggg ggaaaagaaa aaagagaaga 240  
 gaaaaaaaaag aagaaaaata aggaaaagga gaatgaaagg gaaaagaggg gggaaaaaga 300  
 gaaaaggaaa agaaaggaga gaaggaggaa ggaaaaagga agaaaaaaaa gaaaagaaaa 360  
 agaaaggaag aaagaagaaa aaaaaaaaaat gggggagggg ggaaaaaaaa aaaggagaat 420  
 aagagggaaa aagaaggaga gaaaaaaaaag gagaaaaaag aaggaaaaaa gaaagagagg 480  
 ggggggagaa gaaaaaaaaag taaaaggaga aaaaaaggg ataaaaaaag aaatggtaag 540  
 gggaaagaaa aaaataaaag gagaaaaaaaa agaggaaaaa aaggggggga aagaaaaaaaa 600  
 aaaaaaaaaag ggaaaaaaaaa gaaaggaaaa acgaaaaaga gaaagggaga aaaagaaaaat 660  
 aaaaaagga aaaaagaaga gaataaaaaa aaggagggaa aaaaaaaaaa agaagagaag 720  
 agggaaaaaa aagaaagaaa agaaaaatag aggaaaaaag aaaaaaggg aaaaaaaaaa 780  
 aaagagaaag gaaaaaaaaaga ggaggaaaaa gaaagaaaa aaaggagaaa ggaaaaaaaaa 840  
 ataaaaggag aagagaaata aaagaaaaaa gaaaaaaaaa aaagaaaaga agggaagaaa 900  
 aaaaaaaaaag ttgggaaaag gaaaaaaaaat ggggaaggag gaatgagaga aaaaagaga 960  
 gaaaaaaggg agggagcgat ggaaaaagaa agaaaaaaga ataaggaaaa gggggagggg 1020  
 aaaagggaac aaaaaaaaaa gaaagaaagg gaagagtga aataaaagaa aaaaaaaaaa 1080  
 aaaggagaag gtaaacaga aagataataa ggaggaggaa agaacctctt ttaataaaat 1140  
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<210> 13303  
 <211> 887  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
 <400> 13303

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 cagcaaccca aaaaagaaac caaacaaaaa aaaaaagaac agacacacaa aaaaaacaca 180

caaaaaaaaa aacagagaga acaaagcaaa aaacaaaagg cgaaaaaaaa agaaaaaaca 240  
caaaagagaa aaaaacaaca aaaaaaaaaa aaaaagaaaa aacaaacaga aaaaaaaaaac 300  
aagaaaaaaa caacacaaaa caaaaaaac acaaacaaaa aaaaaaaca caaaaaaac 360  
aagaaaagac aaaaaaaaaa aaaaacaaca aaaaaaaccc aaaaaacgac aaagatacaa 420  
caaaaaagaa gggcaaaaaa aaaaaagaaa acgcaaacaa aaaaaacaac caacaaaaaa 480  
aaagaaaaaa aaacgaaga ccaacaaaaa aaaaaaaaag aaaaagacaa aaaataacaa 540  
aacaagaaaa aacacaaaag aaaaacaaac aaagaaaaaa aaaaaaaaaa aaaaaaac 600  
aaaaaaaaac aaaaaaaaaa aaaaaccaca aaaaaaaaaa aaaaaagcca caaaaaaaca 660  
aaaacaaaaa aaaaaaaaaa aacaaacaaa aaaaaaaaaa aaaaaataa aaacaaaaca 720  
aaaaaaaaaa gaactaaacc aaaaaaaaaa caacaaaaaa aaacacacac aaaaacacca 780  
acacaaaaaa acaaaaaaaa caaaaaaac agaaaacaaa aaaaaacaaa aaaaaaaaaa 840  
caaaaaacac ccacaacaaa caggggnnna caaaacaaaa caacaca 887

<210> 13304  
<211> 818  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 13304

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ccccgcgatg aaattcgtat tgtgctacag tgggtttcgg tcgcctgggg atcgatacag 180  
ggctttttat gaggtccgc cgattcagac gcctatcctg catgtgctgg gctctctgga 240  
tgcggttggt gatgagggga ggagtcggtc gcttgtggaa gcttgcgctg gggatccgga 300  
gagcgagggc aaggttggtt ggcacccctg gggtcacttt ctgccgagcc agcggcctta 360  
tctagatgct gcggtaaaat ttattagaga gtgtttggaa ggtgggcaac aagggggcaa 420  
ggataaggcg gaggaagagg atgttaatga catggacttg cccttttaga gtcggcagtt 480  
tatttcgtag atcttttggg ctttcggctt atacctctag attgtttatg ttacttagat 540  
agatagacag catcctacgc gtgctttatg cgcacataa gtgagcattg gtcacgcgga 600  
ttagcaatcc tactatgtaa aggatgtact ttacaccgt ttacgcatct ccctccgtcg 660

tggttggtgtt ctttcgaagt taatcaacga gccttcgcct tttcccgggt gggcaaaaata 720  
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 tcctcatgtc gctgctccac tcatttagca catcgtca 818

<210> 13305  
 <211> 1193  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
 <400> 13305

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 aaaacgggag ggagaggaaa aaagaacaga aaagaaaaga agaaagtttt aaaaaacaag 180  
 aaagaggagg aaagggggga aagaaaaaaa agaaaaaagg ggaaaaacaa caaaaaaagg 240  
 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaagaa aaaaaaaaaa aaaaaaagag 300  
 aaaaaaaaaa aaaaaaaga aaaggaaagc aaagaaacaa aaaaaaaaaa aaaaaaaaaa 360  
 aaaaaaaata aaaacaaaaa agaaaaaaa aaaagaaaa agaaaaaagg aaaaaaaga 420  
 aaaaaaacaa aaaaaagaaa aaaaaaaaaa agaaaaaaa caaaaagaga aagaaaataa 480  
 aaaaaaaaaa aaaagagaaa agaaaaagaa ggaaaaaaa aaaaaaaagt aaaaaaaag 540  
 gaaacgagaa aaaaaaaaaa aagaaaatag aaccaacaa aagaagataa aagaaaaaaa 600  
 aaaacaaaaa aaaaagaaaa aaacaagaaa gagagaagaa acaaaaaaaa aaaaaagaaa 660  
 agagaaaaag aagaaaaaaa aaaaaaaaaa aaataaaaa ggagaaaaca tagaaaaaga 720  
 aaaaaacaaa aaagaaaaag aaacaaaaaa aaactactaa aaggaaaaaa gaagaaaaaa 780  
 agaaatagaa aaaaaagata aaaaagaaaa agaaaaagaa agaaagacac aggaaagaaa 840  
 aaaaaagaaa aaaaaaagg aaaaaaaaaa aaaaaaaaaa agagggaata aaaaaaagaa 900  
 aaagacaaaa aataaaacga aaaaaaaaaa gaaaaagaaa aaagaaaaag agacaagaaa 960  
 tggaagaaaa aatgaggaaa aggaaaaaaa aaaaaattaa aaaaaataaa aaaaaacaag 1020  
 cgaagaagaa gaagaaaaaa aaaaaaaaaa agaaaaaaa aaagaaaaca aagagaaaaa 1080  
 gtaaaaaaag aacaaacaaa acaaagtaaa taaaaagaaa aaacaaaaca gaagaaaata 1140

aaaaaagaaa aataaaaaaga aaatgaaaaa aaagaaagca aaagaaaaaa gaa 1193

<210> 13306  
<211> 857  
<212> DNA  
<213> Aspergillus nidulans  
  
<223> unsure at all n locations  
<400> 13306

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aaagaagaaa aacaagcgaa gaaaaaagag ccaataacaa ggaatagaaa acccaccaac 180  
ccaacaggaa agaaatagtc agaaaaagga gaacaaacaa atattaaggc aaatgttaaa 240  
aaaaaaagat ccacaagtat gaggacagga acgaaacacc aaaaaagaga aacctaagat 300  
ggacagagtt gaccagttaa aaaaagagga tatacaaccc caggaaacac aaagggaaag 360  
aataaaaaatc aaccaacgc ttaagagcga aacaaaaaaa acaagaagaa cgagggaaag 420  
aaataatcgt aaaggaaaaa cacgagagaa aaaatcaagt aaacaaaaaa aagcaaagaa 480  
aacgaaaaaa aactaaaaag tggtaaaaaa ggagaaaaaa ggaaaaaaa aaccaagcct 540  
ttaaaaaagg aagggaacaa taaggaggag aaaaatagca atatcaaaaa aaagaaatta 600  
acaaggacgg aaataaacca aaagaaaagg ggaaaaaact aaaactaaaa aaaccaaaaa 660  
cataagaaaa acagtaattt aagcaaacaa ccaacttga aaaaaataa aaaaataaaa 720  
ataaaaaaaa aaataaagac aaaactacta agaagaacat aaaaaaaaaa ataaaaaaaa 780  
atgacgaaaa aaaaaantaa aaaaataaaa gcaatataaa caataacaat aaaacactaa 840  
aaaaaaaaaa aacatca 857

<210> 13307  
<211> 710  
<212> DNA  
<213> Aspergillus nidulans  
  
<400> 13307

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gaggaagcag gatgtcggag ctggattcac tatgtatatt acggttcaga atctgcatga 180

atctgacaat cctccgtcct gcagacttgc agctccggag agagctattg gatggcggac 240  
 gagcttggag accttgcaga gttcgactgg ggtgtgcgat caccgcgtca aggaggcagg 300  
 ccgggtgtga tgaggtgcat ctgcataacc ttggtgaatc cttcacactg ctgccagatt 360  
 tctcagcccc gcggttgttg tcttttgagg atcgtcaccg gctgcacgaa atcttgctct 420  
 ttccagtgcc tactgagcca ttatatagca cgagaaccgc tttttcagaa acacaagcaa 480  
 tcataaaciaa tcgagatccc atcaacctcc actggtggta cgtaagcacg cgagttaact 540  
 cgagtctcga ctgaacaaca gcctccccgc tgggacagta cgtattctca gtttagcgcc 600  
 gacattccca aaccacatca aaacccca caacctccac agccgcatcc aatcgacgca 660  
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<210> 13308  
 <211> 1070  
 <212> DNA  
 <213> Aspergillus nidulans  
  
 <223> unsure at all n locations  
 <400> 13308

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 ataaaaaaaa aaaattaaca aaaaaaaaaa aaaaaaaaaa aaaaatacaa caaaataaca 180  
 aaaataaaaa ataaagaaat caaaaaaaaaa aaaaacaaga aaaaacaaaa aacaaaaata 240  
 aacaaaaaac aaaacaaaaa aatataaaaa taaaaaatat aaaacaatca acgggaaaaa 300  
 aaaagaaaaa acaaacataa cataaataaa acaaaaaaca tataaaaaaa aaacaaaaaa 360  
 aacaaaacaa aaaaaataa ttagataaat aaaaaagac ataaaacaaa aaaaaaaaaa 420  
 gaaaaacaaa aaactaaaa aagaaggcat acaaaaaaag aaaaacatca aaaaataaaa 480  
 aaatagaaaa aaaaaactaa agagaaaaaa aaacacaaaa aaacaaacac gacaaaaaaa 540  
 tccctaata ga caaaaatgta caatataagg aaagaaagaa aaccttttaa aaaatacata 600  
 ataaaaacac acaaaaaaaaa aaaaacaaaa agccaaagag aacaatgaaa aaaaaacaa 660  
 aacataaaac aaataacaat agaaaataat aaaacaaaaa aatttaaata caaaaaaatg 720  
 aaaaaataaa aaaaaaaaaa tgaatacaaa agacaaataa aaataaatac acaaaaaact 780

aacaaaaaga tatacagaga aattcaaaac aaagaatact caagaagatc agaaaataat 840  
 acaaaataaa tcacaacaac aataaaaaaga aacatcaatg acaatataaa gagaataaat 900  
 tagaaaaaac aaaataacca ataataaaca caagaggaaa agaacaacaa acataaaaaa 960  
 aaaaaaagaa ataaagcttt atataataac aataaataat aatgaaaaaa taaaacaaaa 1020  
 aataaaacta aaacaccaat aaacaaaaca gaaaggagaa gagaaaaata 1070

<210> 13309  
 <211> 1069  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13309

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 aaaggggaaa agaaacgaaa aaaaagagga aaggagcaaa ggaaaaagaa gagaaagaaa 180  
 aagaaaaaag aagagaaaga agaaaaaaac aaaaaaagaa ggagagaaaa aaaaaaaaag 240  
 aaaaagaaaa aaaaaaaaaa aaaagagggc aaggaaaaag agaaagaaga gagaggggaa 300  
 aacaaagaaa gaaaaaaaaa tgaaggcaag gaacaaagag aagaagaaga caaaaaatga 360  
 gaaagggggg aggaaaaacc gaaagaaaaa agagaagagg gaaaaaaaaa aaaaagagg 420  
 gagggaaaga aaaaaataaa aaaaaaagaa gaaataagga aaacaaaaag gaaaactaga 480  
 aaaaaaaaaa aaaaaaaaga aggaaaaaaa aaaaaaaaaa agtcaagaaa agaaaaaaa 540  
 gaagaaaaaa ggcgagaaag aaaaaaaggg gaggaggcaa aaaaaaaaaa taatcaaaaa 600  
 aaaaaggggg aaaacgagaa agaagggaaa aaagaaaaaa aaaggaaaaa cggagaaggg 660  
 agaaagaaaa acgaaaaaag aaaggaaagg aaagaaaaaa aaaaagaaaa aaagaagaga 720  
 aaaacaagag aagaagaaaa gaggagataa agggaaaaaa aaggaaagag aaaaaaaaag 780  
 aaaaagagaa agagaagaac gaagaaaaga aaaaaaaaaa ggggagggcg aaagaaagaa 840  
 agaaacagaa aaaaaaaaag gaaaaaaaaa aagaagaga ggaaaaaaa agaagaaagg 900  
 ataaaaaatg taaaaaaaaa aaggagagaa gacccaaaaa aaaacaaaac gaaaaaaaaa 960  
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<210> 13310  
 <211> 467  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 13310

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ggggtttatg cctattgagg tgatctatat ataacaaggg tgctagggtat gtatatatttg  180
cctacatggg atctggcacc gcacaccaac tgacggactg agggacccgc ggatcagcta  240
taacaacggt gagctctgat ctctaaaggc tcacgcaggt gctaaagcac gaggcctacat  300
taccgacgcy agacaccagt tcagaggacc gggcccgaga tacacaagag gctctgtcag  360
gtcagcatac actgagacag aacttggtta ttgaggatgc atctgggatt gggaacactt  420
gcttgacaca ctatctacgc tagggtaact gagctatggg gcttggc                    467
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<210> 13311  
 <211> 1221  
 <212> DNA  
 <213> Aspergillus nidulans

<223> unsure at all n locations  
 <400> 13311

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ggcaaaaggc aaggtttgaa tgggtggtggg tttagaatag aaaccgtgta tagccagggtg  180
gcgggaaaaa cgaaagcaag ggttcctaga tatttgtgcc gcccacaatc aaccagctct  240
cattctcttt tggcgaggaa catgctatca agctgagata ccgactgttg taacacctaa  300
gaggtgccgt caacgtcgcc aagggaacac aggagccctc tttgaagcta atggtggcga  360
atatcggaga ggtatagtgg tagttgacca gggcaaacgc tagaaagcaa aatattagaa  420
actttcttcc tgttgacgaa cgatgctggt gtcgtaaccc gagctcctgg ttgaggcgca  480
ccggctggaa ggtccagacc ggctttaacg acgatccttc gtcgcaaccg atgacggcaa  540
gatgaatggt gacttgaggg acgttggtgt caagctgcca tgcataaact tggttgatgg  600
cgattgcttt gacttcgagc aggagcttgc ctgggtctgg ggagaagggt agacgggtcg  660
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gatgagtgct gctccttgcg taaggagaat tgctgctaga tggttgtcca ctgaatgcaa 720  
taatacgagc aacaggagag atcttttgtc ttctgatggc aggaagaacc ctgatgagga 780  
agtgaaaaat gaatgccatt tatctcagtt tgagggtggt ttatccagga caagcgggct 840  
ttagctacag agtcggggtg ggtttgaatg caacgggctt aacaagtctc gcgggcttca 900  
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cctgttgacc atgcgaaggc tagcctcccc ttctgcccac acgcctgtcc agggggcgct 1020  
tgggcttcga aactccacag agggcattcg tggtagcct acagttgcat ctaatcactg 1080  
agaccccgaa gtgacttttt tagttgatct gtacatagtt agcagaactt cagtttgga 1140  
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gaagagaacc cggtttgtct g 1221

<210> 13312  
<211> 412  
<212> DNA  
<213> *Aspergillus nidulans*

<223> unsure at all n locations  
<400> 13312

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cagccgacga tatctcctac caagggcacg aaggctcgtga gtgctcgtgg ccctatccgg 180  
ttcgagaacg ttacattcag ttatccgacc agacccgccg tccctatctt caaaaacctt 240  
aattttgaga ttccgcaagg cacaaatggt gcgattgttg gcccctccgg tggaggaaaa 300  
tccacaattg cttcgttact actgcgcttc tatagtccta gcggngacg tgttctgatc 360  
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<210> 13313  
<211> 1132  
<212> DNA  
<213> *Aspergillus nidulans*

<223> unsure at all n locations  
<400> 13313

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 ggtagccaaa tgcgcgtgtg gctccgaatc cagaagtoga gctctgctga gctaaagctg 240  
 aagtcaggct ccccgccaat gataaacaga agcgaaaacg cgatcgatcc gataccagg 300  
 accgggaacg gaacggaatg ggtagacgag acgacgtgaa ctcttatcga agagatagag 360  
 ggccgactcg aaggctgtag ctatgcgtgg cgagcagttg tttctctgtc tgcggcgac 420  
 acgactcgca caaagaacct tggaacgagg tcaaagacgg cggcacttga acttggcagg 480  
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 ctgcagcagt attaagaagc acgccacttg attttcttca tcattcaaat gtccttcctg 780  
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 atccatgctt tttctattgt ttgttttcgg caatatTTTT tttgagctta tacgttttac 1080  
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<210> 13314  
 <211> 580  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 13314

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 caccactgct tgggggttctc ctgcgcctca gggctcttga acgctgata ggcgttaagc 180  
 aatgtcagat gatcgccatc gggatgggca aacagattct tcatttcac acgcgccttc 240  
 cgctgggatg ccggtctgac gaaaatttgg ggcactgaga gcaatgctgt gatggacaag 300

atctcatttg agcaatagaa ctccggtgag ctgataagca tgaccgcaag tgcaggggtct 360  
 agcgggaact ctgaggcaag gcggcccagc ggggtgaggt taccgtcatc atcaaggcac 420  
 gcaaggtagt tcagttcctc gagagccctc ataagtgtct ctggcgctgg aggatcatca 480  
 agtcgaaatg caccaagtca tcgattccca acttcttaag ctcaagcacg gtggatgaca 540  
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<210> 13315  
 <211> 525  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 13315

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 caaaaatcgg ttgggcaactg gtccgcgaga cctgtcatgg cttcaaccgc gagagccagg 180  
 taatggccag gcggctgtcc tctgagcgag accactcact gtatcctcag ccagacttgt 240  
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 gcagaccatg cgaacgcaa cagcgacaga caccggcgtg gcgtatcgga tatgtacgga 480  
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<210> 13316  
 <211> 896  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 13316

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 cgcaagtgc aatcaaagca gcggtccaag attcatacaa atagcgttgc tgattcggcg 180  
 gcttggcgga ggctgtgcaa gaccacaatc cccaccgcac ctttcttcaa ttcgggcaca 240  
 tgaaaaatga agcttcacta ttagcttcac tattatTTTT gttctgcttg tccattgggtg 300

cttatctgca gtgctgttca aagtcaaggc tctgagatcc tctactttgc gctggttaag 360  
 atgtcctttt cctgatttgg gtggagttgc agtatcacia aatcaatggg catgcggcaa 420  
 cgcgcaactca aatctagacg gtctggagat tcttgttttc ggggtgtgac cactgacgat 480  
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 aaaggctacg agtccaacgc cagcatgacg tgtttccgcc tcttcagggc tcaatgccga 720  
 ctcccttaacc cgtgataggc gagttcgcca aatcccgtac gacgggagtc ctccgattag 780  
 gtatctctcc ggtggccgga aaatcgctga tcaacgtgaa acgactatga gattatgtta 840  
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<210> 13317  
 <211> 626  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13317  
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 ttttttgcca agaatgcggc gagcttcctt ctccctcttc tcccttaact cctcttcctc 240  
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 tttctctgcc gccttcgcat ctctgttctc accgaataga tcgtcgtgct cttcatcatc 360  
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 accctgcttc ccagcgtaga cttttctttg gtttgcaaata ctctccagct cctgtcgtcg 480  
 ggcttgctcc tgttgcttct ccataaacca cctaggatct ttaatcttct tggccatgaa 540  
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<210> 13318  
 <211> 536

<212> DNA  
<213> Aspergillus nidulans

<223> unsure at all n locations  
<400> 13318

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tagaatgtcc ttcacaaagc gcgataccac gcttgatccg ccggcccagag tgagggttctg 180  
agcagcgccc gctcccttca gtogaccagc tgccccatca agctcgcgct cgaccatacg 240  
ccgcctttcc atgcgctgaa ccacctcagc atgccgttcg cgctcctcac ttgcttcctt 300  
ttccatccta tcaacctgat cgttcaggtc tcgaatcata cactccgctt tcttccatcg 360  
gtccatcgcc gacttcgagt ctctctgagc tgtcaacagg ctgtcctgca acttcgactg 420  
ctcggcttcc aagatagcca gctgtgcctc gacatcagca gcacgcgcac gcgaagcggc 480  
caatgtgcgt agcntccgct tcgtttctct cgagtttcaa agccaacggt ttggcg 536

<210> 13319  
<211> 1033  
<212> DNA  
<213> Aspergillus nidulans

<400> 13319

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caaggtagac agaccttagc tttgcaagac agacgtgacc tagcaccggc cagaactgat 180  
gtttcatatc tatatcagcc ccggcattcc tagattgcaa tacgaaccgt ctccatcggt 240  
acctgaacgg caatacgaac cgtctccatc gttacctgaa cggctcgtcc gcaggagaaa 300  
tacaccggga gtatcgagtt agagacagtc tcgttcccat ggcagctgcc cagctcgtgg 360  
tacgcgatat tcgcatagtg agcccttggt tcactccagt tggcggtaca gacatgcgat 420  
agcttactgc tgcttgatac gacttcaaag aatgcgtctt ccacgaaaac aaggttcaca 480  
cgccatcaat tagtcaagaa gttccacccc gcctgtagtt tatgtgttta atctatgctc 540  
ggacaacata cgaatagtat ccggaatctt ctaaactaag tcaccctctg atccgggaat 600  
acacggacac ctgaactctg gggctggact ttcaatggga agttttgaag gtctaccctc 660

catTTTTatt ttttggggg aaaggaaaac caccgttggg atTTTTtga ccaaataagg 720  
 gcatggaaat ggctccacct taagggcact ggttgataaa attttccgcc cttcccttgg 780  
 gtttccaacc ctttagccct tcctaaaggt tcggccgaac ggcccaggaa ccatggcgag 840  
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 aattcccctc cgcacatact ttactacaat tacacactcc tatctctcta agtcttttta 960  
 taattttctc acttctcacc ttctttaccc tttctttttt tatactatac tttctctcct 1020  
 gcttgtacca tcc 1033

<210> 13320  
 <211> 1004  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 13320

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 aaaaacaaa aaaaccaaga acaaaacagg agaaaaaac acaagaagca aaaaagaaaa 180  
 aaccagaaa aaccaaggga aaccaaaaaa aaaaaaaaaa gaaggacaaa aaaccaaaaa 240  
 cgagaaacga acaaaaaaaaa gagaaacaaa acaaggaaaa ccaaaaaacc caaggaaaag 300  
 ggccccaaag aaaaacaaaa ggaaaaaaac acaaaaaaaaa gaaaaagaga aaaaaaaaaac 360  
 agaagcagcg acaaccaaaa aaaaaaagaa aacacaacca aaaaaaaaaa aacccaaaaa 420  
 gaaacacaaa caaaaaaagc aaggcgaaac caaaaaaaaa aagaacaaaa agaccccaag 480  
 gacacgaaaa gacagaggaa aagaaacgga caacacgtga acaaaaaagg gaccaccca 540  
 aaagaagacc aagaaaaaaa aaaaaaaaac gaagaacaaa acaaaagaca aagccaaaac 600  
 agaagcaaaa aaaaaacccc agaaaaagac caaaaaagga gagaaccac aaaaaaac 660  
 aaagacaata caaaaagaaa cgagagagaa aacaaaagaa caaacacaga aaacggaaag 720  
 cccaaaaaaa aaaaagaaaa aaaaaaaaag gagacaaaaa agaaaccac acaacaaaaa 780  
 aaacaaaggg gaaaaaaaaa aagaggcgaa caaaaaaaaa ccaaaaaaag aggaaaaaac 840  
 aaacaaaaaa aaacaaagac gcgaaaaaaa aaaaaaacaa agaaaacagg aaagaaagga 900  
 aaaaaacaca gaaaaaaaaa aggaaaaaaa gaaaaaccca caaaagcgag aaaagaaaca 960

aaaacaaaaa acaaaaaaaaaa gaaaaaagaa aaaaaaaaaa aaaa

1004

<210> 13321  
<211> 720  
<212> DNA  
<213> Aspergillus nidulans

<400> 13321

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tacagagggg ctcttgacagg ctgtacagat gactgaaatc gttactgacg taagttccac 180  
ccatgagact cctgactgta ccaaaattac tcgtcttgtc ggcccattgt agtctgagcc 240  
gctagcatat ccgagatttc cccggtatca acaaaagtac ggactgcaga tgtaaccgtt 300  
ccagcagact gctgctcaca taccacgcgc atcgtgggtgg ttagtggtgc ttgtactgaa 360  
gggtttgaat tcgggtggtg gtgttgccgg cgggtccaag caaagagttg acttcggatc 420  
tgcaacgacc aggtacaaat tttggccccg gtgagttgca tcttgctagg aatctctgct 480  
tggctattcc ggagaattat cgcattgtgga gtctgtggta aagcttggtt cccactattc 540  
atgggactct tgtttcaggt tcaggcctgg cttggtacat tgaggctttg agttgagtcg 600  
gtaggcaacc agtaaccaca ggccagaagc ttcactgacg tatttctatt tgacgatgca 660  
gtcaggcgggt ttttctagaa atagttcctc cttgcttggtg ataagtgcac ggttttgccc 720

<210> 13322  
<211> 622  
<212> DNA  
<213> Aspergillus nidulans

<400> 13322

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gctataggca cgccgcttga ccctgcaagc catcactgtg gacagtcacg tgatcttgag 180  
tcattgggcaa tgtacgagga taagcacacc tgacgatcag ggatctcaac actgtatggc 240  
tacattgctt tagccatagc atttacttac agcgttctac taaaaccac gataagcact 300  
ggaacaatct gatattctac atatccaag agaattgggtg ccacaaaaca ggccgagtgg 360



tccaggctgc cgacctaatt cttccaccct accaaaccat taataaatgg cggtttaact 420  
 taatctccag gtaggccttt gtcacccgaa actttccctg cttcggatcc cacaacaact 480  
 tcacgaacca attacatcta atactcttgg gatacaggcc ctcgaccact gttgccgtgt 540  
 atcgctcata gagcttgatt ccatcagcgc aaagaagaga actgctgagc cggagcaaact 600  
 agatttgaat atttggattg gc 622

<210> 13323  
 <211> 782  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13323

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 agcatgatgt tcgacacgaa gcggaattgt tgctgcagct ggagagaacg tcgtcaaagt 180  
 gtacgacaaa gcagatggcc accactggga ctgtggtgct ggggtcggag ccgacgaaac 240  
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 ccgcaggggac ggcattgttg cggcctggac ttgttaaccg cgcaggacaa actcacgtac 360  
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 attacatcta ttcttggagt cgatagaggg aatgggatgg ctgtccggtc ggtcatctga 480  
 gagcttgaaa ccgacaaagg tcgcagttat gggtacaata aagcaaagt ctgcggaacc 540  
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 ctgaacgttt tgcaccaggt tgatcttgaa gacaatcact ctagaatgtc agtcacgctt 660  
 ttccgctttg ggtgcacgtg ttccattca atccagactc tgttttttct gtctacacat 720  
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<210> 13324  
 <211> 567  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13324

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actgattggg gagtgaaga ggatcctgga ttctttccaa gtctgcatac tgcataccat 180  
cacgacatcc aaggtagttt ctggagtctc caatgatttc gcggtgttgt gaattctccc 240  
cacattcgct atcgaagcta ctttctttat cagagctcca acggcctagc tatgtcagct 300  
attccggatc cagcgtttcc cgcacccat ggctgcatcc tctcagcgtc gcacggccg 360  
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ccaggacgag gtgggggttg ttgggtgacg atgacgctgg agatagaagt cttgggtatgg 480  
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aacagttatc tatcccttgc ttcac 567

<210> 13325  
<211> 1056  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 13325  
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acgcatcaag ctatgggccc gactacgagc tgatatcccc tccttgtgat taggtctccg 180  
acgttctcct caagattcag aagccagcgg atggatctcc cccacgagct ggatatctcg 240  
ctgatctgag tacgttctgg cttgtcctc cttcatcag caactatcca gggaaatc 300  
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ctgactccgc ctccaccca aatccagacc agactttccc tcaaggaacc cactgggttg 480  
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ggacatttac cgctggaaca ggcgcggagg caagatcctg gttcactggg cgggtgtggc 720  
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<210> 13326  
 <211> 1215  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 13326

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 gatctcttga attgcggcat ctcgaggctc cccgtcgatt actcgattcg caaatgatga 240  
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 cgcaacgtca gtttcaactac ggcgtctgaa tgagtttagct tggtttagctt aactgcatcg 420  
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 caaccctagt tcatgttgat gaggatgtag tgggggatga ttccacaacc attgtcgaaa 540  
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 cctgctgaac atagctcaac tgctgagggt ggcattcatt tgatgcaata tacgtccaga 660  
 ggtatacaga ttagtggttg ttgatgttcg taagggttga gatttggagc cgatcgctgt 720  
 gaattcaaca acagtactcc gtaggggtct ctctttgatc agttttgcat catattttaa 780  
 gacaagaagc ctttcaacaa taaatccttg atgggtctac gtcattgatt tcccttggaa 840  
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tccccgcttt cttttccacc ctttttctcc tcattcttct atttcacatt actttttccc 1140  
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<210> 13327  
 <211> 706  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
 <400> 13327

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 aaaanaaaaa aaaaaaaaaa anaaaaaaaaa aaaaaaaaaa aataaannaa anaaaaataa 180  
 taaaataaaa aaaataaaaa aacaaaaaaa aaaaaaaaaa aaaaaaaaaa aacaaaaaca 240  
 aaaaataaca atcaaaaataa aaataaaaaa acaaaaaaaa aaactaaaac aactaaaaaa 300  
 caataaaaaa aataaaaaca acaaaaacaac caaaaaaaa taaaaaacac taaaataaac 360  
 aaaaaacaaa aaaattaaaa aaccaaaaat acatataaaa aaaaatataa aacaacaaaa 420  
 acaaaaatat actaaaatta aaaaacaaaa aacaacaacc aaaaacttta aaaaaatta 480  
 aacaataaca aaacataaca ctaaaaacaa aaaaaatcaa aaaaaaaata cacaaaataa 540  
 aacaaataca caacaaaaaa acctacaata aaacaaaaaa taacttaaac aaaaaaaaaa 600  
 aacaatacaa taaataatac aaaaaaaaaa taaaacaaaa aacacactaa aataacaaca 660  
 aatcaacaaa aacaacata aaaaattaca aaatatcaca aaaaaa 706

<210> 13328  
 <211> 1301  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
 <400> 13328

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 gccaccgcc ccttggcacc atctaggcta cgcaaatacc caacaaaagc ggccatttgc 180

ttccataaaca ctgcatacaa ccgcttgacc atggcttcac tctcgtgcct cacgccatgt 240  
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 agcctcgcaa cttcagcctg ccgttttagtc agaaagagcg cgaagagcat ctggtctagg 360  
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 gtggaaccga cggcgagatg gaagaagtag tcgctgaggg cgaggatgaa gtgctggctg 540  
 tctatacgga atttctggag taaatattgg gtgtcccctg agagggaatt tctggctgtt 600  
 gaatcacgga tgaggccctt aacgaccgaa accatgcgga ggaagataag aaagttgttt 660  
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 tggattaaac acccattcat ctccccgggg gacttctctc ttccctctc cccctctaaa 1200  
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<210> 13329  
 <211> 791  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
 <400> 13329

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 caacatttcc attataattg tgagaaaaag caccagggtg cttggaagag attttaaccg 180  
 tatttagtga tccagtctac ttatttttaa tcttttttat tttttttaat ttatatactc 240

tccgttttcc aagtttggtta cccgtgaaag ataacaatgt tgtttaaaaa atttttttta 300  
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tatctttcat atattatttt tttctctatt tgttaaaaaa tttgttttat ttttattttt 720  
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<210> 13330  
<211> 131  
<212> DNA  
<213> Aspergillus nidulans

<400> 13330  
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atcaacgggtg c 131

<210> 13331  
<211> 931  
<212> DNA  
<213> Aspergillus nidulans

<223> unsure at all n locations  
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agattgtcta ccgccgccac gaagcgccca aagtccagcg gcggtggaag cagcagaaac 180  
gccaccggtc cagcctgaag gaagagaaca aatggttgct gaagatcttc ccgtctgcgc 240  
gctgcatcac cctgttccca ctctgggatt cccgccgcaa ccgctgggtc tcgggcctgt 300

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 aagatcacca gttcgcgcgc aagtcgcggc cgcacgggtc aagtcgcgcg acccgacggc 660  
 gcagcaccga ttctcatgcc tgctagggga aacngatgtg atctatattc gactcagttt 720  
 gaccgtgctt gagaatgccc gcagtgtcct gcacttgtag ttaagacgac ctgccctgct 780  
 tgccacttaa aaggagaaag tgtgcagcac gaggcctttg gtacaaccta cgattaggcc 840  
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<210> 13332  
 <211> 399  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13332  
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 tgtgaagagt agatggggcc gccaaatgcg atttttcccg actcgaaatg cggcttggtta 240  
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<210> 13333  
 <211> 1032  
 <212> DNA  
 <213> *Aspergillus nidulans*

<223> unsure at all n locations  
 <400> 13333

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 gggagaaaaa gaaggcagaa aagaaaagaa gagagaaggt tttaaaaaaa gaaaaggaga 180  
 ggaaaagaaa ggggggaaaa aaaaaaaggc aaggggggaa aaaaaaaaaa aaaaggaaga 240  
 aaaaaaaga agaaatagaa aagaaaaaaa ataaagaaga gagaatgaaa aaaagaagaa 300  
 aaaaaagaaa aaaaaaaaaa gaaaaagaaa aaagaaaaga aaaaaggag agaaaaaaag 360  
 aagagaaaaa aaagaacaaa aaggaggaaa aagaaaaaag gaagaaaaaa atgggggaaa 420  
 agaagagaag aaaaacgaaa aaataagaga aaagcaacgg atgggaagag aaaaaaggac 480  
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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13334

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<212> DNA  
<213> *Aspergillus nidulans*

<400> 13335

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 <211> 597  
 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 13336

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<210> 13337  
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 <212> DNA  
 <213> Aspergillus nidulans  
 <223> unsure at all n locations  
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<210> 13338  
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<212> DNA  
<213> Aspergillus nidulans  
<223> unsure at all n locations  
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<210> 13339  
 <211> 505  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13339

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<210> 13340  
 <211> 854  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13340

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<210> 13341  
 <211> 1259  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
 <400> 13341

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 agggggggaca acaaaaaaaaaa aaaaaaaaaa aaaacagaaa aaaaagagac caaaagaaga 240  
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 aaaaaaaaaa caaaaaaaaaa aaaaaagag aaaaaaaaaa aaacaacaaa aaaaaaaaaa 720

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 <212> DNA  
 <213> *Aspergillus nidulans*

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<210> 13343  
 <211> 176  
 <212> DNA

<213> Aspergillus nidulans

<400> 13343

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<210> 13344

<211> 2820

<212> DNA

<213> Aspergillus nidulans

<400> 13344

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 <211> 1179  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13345

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<210> 13346

<211> 582  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 13346

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<210> 13347  
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 <212> DNA  
 <213> Aspergillus nidulans

<400> 13347

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agacaatggc gcgctgtctt gcctttccga tcctgatcga cgacggtaca gcgacgaatg  240
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gaggcgataa tatggaggag cctggaggag gaggggaaag ggactcgtcc agaagaacgc  540
tgaacggcgc gccgacttag atcgctctgt tgccggccca ctctgttgct ctgtctctgg  600
  
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<210> 13348  
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 <213> *Aspergillus nidulans*

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 cttgtcgcgg ccgggcagaa aggctgctgg gactagctgc tcgctaggct caacgcagta 720  
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<210> 13349

<211> 1517  
 <212> DNA  
 <213> Aspergillus nidulans

<223> unsure at all n locations  
 <400> 13349

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gcgaatgatg gaacacacan aanntatatt anaaaagaaa aacnacaag aaaaagaana 180
aagaaaaaaaa aaaaaacaaa aacaaaaaaaa ctacaaaaaa aaaaactttt atttataaaa 240
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aataaaaaaa aaaaaaaaaa aaaaaagaaa acaagaaaaa aaaaaaaaaa aagatgaaaa 360
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gtaaaaaaaaa aagaaaaaaa attaaataaa gaaagaataa aaaaaaaaaa gaaaaaagaa 600
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aaaataaaaa gagaaagaaa ataataaaaa aagtaaaaaa caaaaaacaa atataaaaag 1440

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<212> DNA  
<213> Aspergillus nidulans  
<400> 13350

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gaagcagaag cattgaggct tccacagctg ttcaaaccct ccttgcacac ctgctcgcca 180  
tcctgggtag tcgattgctg gatgcactgc gcgtactctt cctggcagac aaagaaagga 240  
atcgtgccct gatagagtcc tacattggcg tcggtgccgt tggagcaagt gcaggtgaaa 300  
tcaaggggtg cctacagagt aaaatttagc gagtggataa ctttaccgag gatttttagat 360  
tcggacctga tcacagcggg tgtcagtggc aacaccaccg catatcttgg gacagttggt 420  
gcgcttcgcg agacaccaag ttgctacaga aattagcagg tttccttgac agccgacgaa 480  
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<210> 13351  
<211> 118  
<212> DNA  
<213> Aspergillus nidulans  
<400> 13351

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<210> 13352  
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<212> DNA  
<213> Aspergillus nidulans  
<400> 13352

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cctgccagac tggtttccgt gcctcagga tagagcacca cctgtccac tgcggtgaaga 180  
cagcttgggc tcatgcaggc ccttggcggc ccacaagtac ctctattgct cgcattggctt 240  
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tcagcttctt tctttttggc cgttgga cttttgcaa ttggttcaa gaaattgccg 420  
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<210> 13353  
<211> 1407  
<212> DNA  
<213> *Aspergillus nidulans*  
<223> unsure at all n locations  
<400> 13353

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acaaatttgt acnacaaana aanaatttaa aggaaaaaaa taccaaagaa aaagaataaa 180  
aagaaaaata caaaaggaaa aaattaaaaa aaaaaataat tatataaaaa aaaaggacaa 240  
aaaagaaagg aaaaaagca agaggggaaa aataagagag aaaaaacaa aaaagagga 300  
acataacaa aaaaaacaa taaagacaaa taataaaaaa aaaaatagaa ggaaagaaaa 360  
aaaaaaaaa gagaaacaag aaagaaaaa agaagaaaga aaaaagata aaaagagaag 420  
aaaacaaaa aaaaagaagg aaaagacaaa aagaaagaga aaaaacaaaa aggaaaaaaa 480

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aagaaaaaaaa agagagaaaag aaagaaaaag aagagaatgg aaaaaaagaa aaagaaaaaa 600  
gatagaaaaa aaggaaagaa aaaaaacaaa agaaagaaaa gaagagaaaa gaataaaaca 660  
gaaaatagaa cgaaaaaaag aaaagaaaaa agaaacagaa gtagataaag ataagaaaaa 720  
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ggagaagaaa aagaaaaaaaa atagaggata gaaaaaaaaa aaagaacaaa aaagaaaaca 840  
agaaaagaaa acaaagaaga aaaaaaaaaac acacaagaaa gaataaaca agaagaaaag 900  
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gaaatgaaaa aaaaaaaaaag gaaaaacaaa gaaaaaaaaa agaaaacaaa aaaacaaaaa 1020  
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aacataaaa aacaaagaaa agaagaaaga aaaagaaaag aaaaaaaaat aaaaaaaaaa 1320  
gaaaaaagat aaaaaaaaaa gagaaaaaag aaagaaagag agaacagaga aaaagaaaat 1380  
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<210> 13354  
<211> 692  
<212> DNA  
<213> Aspergillus nidulans

<400> 13354

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gacgcgacag gacgaacatc tcaccatgca gtgcaagaga taaaccgctg ttcgtagagt 180  
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gttatgctgc cagcaagctg accatgcgca gagcctgccg tatacgtctt cctggaagga 300  
gcagatccaa gcaccatgga ttatgatagg aaagcatctg catggcaact ttctctaaac 360  
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ttgggaactg accttgctct caagcagttt gaggtagata cataattggg tgatctgac 480  
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<210> 13355  
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 <212> DNA  
 <213> Aspergillus nidulans  
 <223> unsure at all n locations  
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 attttgtttt ttttaactcat tcttctntt ttttttttct ttttctntat ctttttttct 180  
 tttctttttt ncttttcanc tttttctttt ctttttttatt ttctttttcn nctgttttca 240  
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<210> 13356  
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 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 13356

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<210> 13357  
 <211> 644



<212> DNA  
<213> Aspergillus nidulans

<400> 13357

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cattaggtgg ctttgggcat ttttccgagc ggtcctagaa tcctgggcat cctgggctga 300  
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ctgtcccttg gcccggttc ccgtacggat agaaaattca cgggaaagct ctcgagtggg 540  
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ccatgtaatt ctccattgac gacccttcag tttcatcatt acat 644

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<212> DNA  
<213> Aspergillus nidulans

<400> 13358

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 <213> *Aspergillus nidulans*  
 <400> 13359

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 <212> DNA  
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<210> 13361  
 <211> 552  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 13361

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<210> 13362  
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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13362

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<210> 13363  
 <211> 1036  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13363

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<210> 13364

<211> 1050

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 13364

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aaaaaaaaag cacaaaaaag aaaaaaaaca aaagagagag aagcaaaca agcaaaagac 180

gcaggaaaag aaaaaaaaaa agcaaaaaaa caaaagaaac aaacataaaa caaaacaaca 240  
 aaaaaaaaaa aaggaaaaac aaaacgaaaa aaaacaaaac aaacaaaaa acagaaaaca 300  
 cacaaaaaaa aggaaaaaaa aacaaaaaaa aaaacagcaa aaaaagaagc aaaagaaaaa 360  
 gaaggtagaa aaaaaaaaca accacagaag taccaagaac aaaaacacac aaaaaaaaag 420  
 aacaaaaaaa aaaccacaa caaaaaaaa aaataaaagc gaaaaaaa aaacaaactc 480  
 aaaaaaaca ccaacgaaaa aaaagaccca caaaaaaaca cgaaaaaaac aaaaaagaa 540  
 aacacaaaaa aaagccaaga caaaaaaaa aaacaacaag actaaaaaca aaaaagagcg 600  
 agaaaaaac aaacaaaaa aaaaaaaa aaaggaaaa aaaaacaaac aacaagagc 660  
 aaaaaaaca aaaaaccca caactaacgc acaaaaacca aaaaaaaaag aaaagaaaac 720  
 aagcaaaaca aaaaaaaca aaaaaaaa acagacaaca caaaaaaaa aaaaagcaaa 780  
 aaccaaaaga aaccaaaaac aagagaaaca gacaaaaaa aaacaaagaa acaaaacacc 840  
 aaaaaaaca aaaaacaaca cgaaaagac caataaaaa agaaaaaaca aaacaagaaa 900  
 accaaaaata agaacaagac aaacgaaaa aacaaacgaa agacacacaa aaaaaaaaaa 960  
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 caaacaaccg acaagaaaa gaaaaaaa 1050

<210> 13365  
 <211> 782  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 13365

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 tggcaatgag aacagaactg tgtctcgtag actcagctgc aagagccatt cagtcaagag 180  
 cgcaccatcc ctacagcag tcaccgtacc caaccgcgtt gacagtgcgt gtacgattcc 240  
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 taagagtaga catggagatt ggcgtaagct gttgtaattg ttactcgaac atttaaggca 360  
 gtttgacaga ttacctggtc tcaatagctg tacgcctaac caatgcattg cccgcttact 420  
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 acgtctattg ccagtccttg ctgactgtcg ggaccagatg caaatgggtca gtcggcagtt 660  
 gcaaaagaca gatggccgaa taggaaacgt tcatggcttc cagattgggc cctgattctg 720  
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<210> 13366  
 <211> 506  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 13366

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 cgcggcaagg cggatctgaa gctgaagcct gaccgcgttg cgatgcagga tgcgtctgca 180  
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 gagttctggc ctcccgggtgc tggatcatc caccagagcg tcttggagaa ctattccgcc 420  
 cctggcttta tgatgctggg aacggatagt catacaccta acgccggtgc gctgggtgcc 480  
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<210> 13367  
 <211> 659  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 13367

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 ggtgttcccg agcatgacct ttctagcgca caaccactac agctaccaca tatccacctc 180  
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gcgagagccg gcgaccaa at gcgcgggcgc ggacatgcct gctccccga atcatgacgg 300  
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cgccccgggg tccccacctc ctgtcttatg ccattaagcc tgcaagacgg actggcagag 480  
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cccgacttgg catagcaacc ccgtggatct ggggtgcatac ttctgtgacc tgggaacgcg 600  
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<210> 13368  
<211> 522  
<212> DNA  
<213> Aspergillus nidulans

<400> 13368  
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gctctaggcg atgtcggctg gtacgccagt gcttaccttc tcacaaactg cgctttcag 240  
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ggcggaggcg ggcagtggct ggtggtggcg ctggggcggt gacgaacggc tcgttcctgc 420  
tcattgccac tcagtagagc gcgaagacgc caacgttttg tggactgctg ggtctatgat 480  
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<210> 13369  
<211> 829  
<212> DNA  
<213> Aspergillus nidulans

<400> 13369  
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gcctcaccaa tagctgtctt agattcgggtg cgggagagca aggcagatta tctcattttt 180



agtgcttggg tttaatctca atctttcaac cagaattagg atgattatta tgtctcgtac 240  
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 cgtgctgggtt ttctgcctcg ccctcgaacc tcgctgggtg gaatcgcgac ttgcttacat 360  
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 ttcttacgac gctgccgttg ctcatctgc gtcggtcatt gccctcctc gcggtgtatac 780  
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<210> 13370  
 <211> 827  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 13370

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 gttcgatcgc agcaaccgtt ccattgaca aggtggcgtc cgattgggat gaaaccccg 180  
 aggattgaag gctgaaccgc gttctccgtc tctctttgta ccctgcaaag cgaaaaccag 240  
 caaaaagaga gccaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 300  
 agacggcata aatataatga gagagaaaga aaagagaaag caaagaaaag aaaccaggc 360  
 tggaccacga gtctgctggt ccggtcgatt gaggggtcaa tgacagcccc ttcagggaaa 420  
 tttccacaca gattggatcc gttctcagga gcaggaactg tttcactcac ccaacgaacg 480  
 cctcatgggc ccggctattt tcgtaatgtg atggcggtcc agcttcaaca cgagctatgg 540  
 gcagagtggg ccggtctgtg acgatccaga tctatgaata tataagaatc ggcgaacacc 600  
 attggttaat tctgtctata gtggactgga tgtcccggtt ctttttccga gtcggatttc 660  
 cagacactca ataaggccat tgcgtaaagc ccattctggt atagagaacg gggttagtgg 720

gtgtgactgc cagtccgggt tctgtgctgc acctgccctc tgcctatgc caccatggct 780  
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<210> 13371  
 <211> 458  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 13371

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 gccgcacgac aagcccagct ggggttcagt atcaaaaaaa tgcattgcgc actcacctta 180  
 cacatgcagc tcaccactag ggcccgtgat caatcaccag tcacggtact cccgcaaggc 240  
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 gcataagcgc tcgcccgcga ggagttatcg acagtgttag cccgacctgc aactgtgggg 360  
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 gggcgcaact ctggtgaatt ggacgaccat gcatgtgc 458

<210> 13372  
 <211> 716  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 13372

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 gacatttaac ctcatccaca tcccaacatg ttcaattccc tctcaaccc acctccccag 180  
 actttcatcc gtaacgaagc ccagtcgctc gtaaaacttc tccacatcaa cttgogcatg 240  
 gaccagagtc aaacccttcc acagcggagc ttttgaagga tccccccctt cccgcttata 300  
 gatctccaaa aacgactcat taatgtcccc agcattctcc tctgcccacg ccattgccgt 360  
 ctccatcaac cgctcgcga gccacacccc ccgatacgac gccaaaaccg caaccggccc 420  
 gaacttgata tagggctcgt gctctaagtc ataccatcc gctgttatat cgcgcccgggt 480  
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gacaagccgg agtgtaccaa caggagcctt aatggttttt ggctctatct ctgctccctg 600  
 tgcccccgga tttgcggcctt cagtatcata tataacccaa tgccagctgc gggagtcatc 660  
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<210> 13373  
 <211> 1084  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
 <400> 13373

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 agaaaaaaga gcaaaaaaaaa gagaaaacca aaaaaaaaaa aagaaaagaa aaaaaaaaaa 240  
 acaaaaacaa aaaagaaaga aaaagagaag aaaaaaaaaa aaagaaaata aaaaaaacg 300  
 aaaaaaaaaa agaaaaacaa aaaaaaaga caaaggaaaa acaaaaaaaaa acaaaaaaaaa 360  
 aaaaaaaaaa caaaaaaaaa aaaaaaaaaa gacaaagaaa aaaaaaacac aaaaagacgg 420  
 cacaagccaa aaaagaaaaa gaaaaatcag caaacacaa aagaccaaac aaacgaaaaa 480  
 aaaaaaaaaa gntctcagga gaaaaaaaag aaaacgagaa cacaagaaaa aacaacaaaa 540  
 gaaaaacaag acgaaaaaaaa acacaaaaaa caaacacaca gaaaaaagac aaacgaacaa 600  
 gaacaacaga aaaacgaaaa agagaaaaaa gaaacacaca aacaagaaag aaaaacaaaa 660  
 aaagacacaa agaacaaaaa aaaacaacaa aaaagaacaa gaaaaacaac acacaaacag 720  
 agaaaaaaca aaaaaagaaa gaaaaacaaa acaaaaaacg aaaaagagaa acaaaaaaac 780  
 aaaagaaaga aacagaaaaa aaaaaaaaaa aaagacgatg gagaagcaaa caaaaaaaaa 840  
 gaataaaaaa acgaagaaaa aagaaagaaa aacagagaaa aagcaaaaaa aagaacaaaa 900  
 aacaacaaaa acagaaacca acaggacaca agaaaaacaa ccgaaacaaa aagaacaagg 960  
 acaaaagaga cacgaacaaa gaaaaagaga aacagaaaaa caaaaacaaa caaaaacaac 1020  
 aaaaagacaa aacaagaga gaaaaaaga aaaaaaacac gaacgaaaaa cgaaaaaaaa 1080  
 aaac 1084

<210> 13374  
 <211> 936  
 <212> DNA  
 <213> *Aspergillus nidulans*  
  
 <223> unsure at all n locations  
 <400> 13374

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accaaaacaa gacaaaacac agacaaaaaa acaacacaaa aaaacaacaa caaacaaaca 180
aaaaaccaaa caccaaacaa agacgaccaa aaacaaaaaa cacaacaag caaaaaacaa 240
gaaaaaaaaac cagacaaaac aacaaaccac aaaaaaaaga caggcacaca acaaaaaacc 300
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aaacaaaacg caaaacaaac aaacaaacag acaacaaaaa cacaaaaaa gcacacaaaa 420
accaaaacaa caacaaacc aaaaaaaaaa acaaaacaac aaacaaacac acaaaacacc 480
cacaaaaaaa aacaaaaaca cacacaacag acaaaaaaaa accaaccaaa accacccaca 540
cacacaaaag aacaacaaca aaaaaaaaca aaacaaaaaa aaccaaagac caaaaaacgc 600
aaacacccac aaaacaaaaa acacacacaa caaaaaaaaa aaaagaccac caaccaccca 660
acacaaccaa aacaaaccaa acaacaaaaa aaaacaaaaa aacaaccaca aaccacaaac 720
aaaaaaaaaa aacaaaacga cacacaaaac aaacgcaaaa aaacaccaa aacaaacaaa 780
ccaaaaaaca aaaaacaaaa caaaacacac aacaaccaac gaaaaacaaa aaanaaaaca 840
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<210> 13375  
 <211> 701  
 <212> DNA  
 <213> *Aspergillus nidulans*  
  
 <400> 13375

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gaatgaatat cgcgatgtgg tgggaaaaga ttgttcatca caacgaagtg gatcttgagg 180
  
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ccgtaggccca tcttaactcg gtggaggccg taaaattgag agattaaagt gttcggatttt 240  
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 tggatcgtct tgatgatata tttatagtcc cttgagaagt agaagaagct gccacttttt 360  
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<210> 13376  
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 <212> DNA  
 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
 <400> 13376

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 gagccacacc cgggcggccc ggagcaaaac ggccaggcac cacgaccccg attatacaag 180  
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 gagaacgacc cagcacacca cacagatcac cggaaggaa cgggacgcca caagaacgag 360  
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 cccgaagaag gaaaaagccc aggagcgcaa acacccaac gcgagcaaca aaagccagca 780  
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<210> 13377  
 <211> 760  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 13377

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 ggctcacacg cgacccaat gtacccctcc tgcaccatat tccagtacac ctggtcggtg 660  
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<210> 13378  
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 <212> DNA  
 <213> Aspergillus nidulans

<400> 13378

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cggagttgaa gtgattgcaa gacttgatgg ggttgatggt aatgagaaca gcgtgaaagc 660  
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<210> 13379  
<211> 567  
<212> DNA  
<213> Aspergillus nidulans

<400> 13379

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ctggctgcgc tgcgaagata catgtttgac ggaatgattg aagtttgccc taccctaagt 420  
cacattgttc cgtccttcat ttccctagtt gttgcacggt tgcaaataac ttgggcgcac 480  
aaatttggga acaaccccct tactagttat gtattgcctt agctcatttg gaggggttcg 540  
ctgataacaa aacttgtacc tttggat 567

<210> 13380  
<211> 594  
<212> DNA  
<213> Aspergillus nidulans

<400> 13380

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aagaaggtgc tcgggaacac cccaatgtga attgtatgga tggtcacaac cactccagtt 240

tggagagaaa taggtgtcag ctcggtttct ccttcgggctt gctttgtcgc cttttgagat 300

gattcgagtc gatcagagaa aatcgagccc tttcggcgaa tgtatctttc aattttctctc 360

agtgcagact cgtaagctgc ttgcttgtct tgcataagcc tttgccaagc ctggattagg 420

gcaagggatt gcgaggcagt taaagtcgtg cagaacactt gtacttcacc accatctagg 480

atactaaata atcgctcatt cgcttcgtcg gatgaacctc caacattgta catcaagaag 540

tcgaaggacg ctatatgtgc gatcaagaag ggctggtagt caaaggagac tttt 594

<210> 13381

<211> 886

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 13381

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aaaagagaca agcaagaagg gaaacacacc caacacaata aggaaaacca taaattagaa 180

aaagggataa ccaaaccaaa caaacaaaac aagtaaaca aatattgtag gaaaaacagc 240

aagaaaaggc aactaagaaa cagacaaaaa aaaaaaaaga agaaaaatta aaaaaaaata 300

accaaaaaaa aaataaaaaa aaaacaaata aaaaaaaaca aataaaaaca aaaaaaaca 360

aaaaaaaaca aaaactaaca acaaaaaaaa caataaaaaa aaaaaaaccc aaacgacaca 420

caaaaacaaa aaaaaaggta aagaccaaac cataaacaaa taaaaaaaat taaaaaaaat 480

aaatactaaa aaaaaaaaaa aaaaaaaaaat aataaataaa ataaaaaata aaaaaaaaaa 540

ataaaaatca ttagaaaaaa aaataaaaaat aaaaaattaa aaaaaaaca aaaaacaaat 600

aaaataaaaa aaaaaacact aaaaaaaaaa caataaaaat aaaaacacaa caacaaaaaa 660



aaaaacatac aaaatacaaa aaacaaaaaa aactaaaaaa atacaaaaat aaaaacccaa 720  
 taaaaacaaa aaaaaaaaga gaaaaaaata aaacaagaaa aaaaaagaat taacaaaaaa 780  
 aaaaataaca cataaaacat aaagaggaaa aaaaatataa aaaaaaaaaa aaatattcaa 840  
 aactaaaaaa aacataaact ataaaaaaac aaaaaaaaaa aaaaaa 886

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 <211> 618  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
 <400> 13382

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 acgctagccc gcacatgcat ggatgaccgt tgacgccaat ggaccataag ccctactggg 180  
 gcggaatgag ctgattacaa atggtgaacc caggatgagg aatctattaa ggattgaggg 240  
 gagttaggcg acaagatcta ttgtaagatg aggaatggct ggcttgacaa ccttgc tcaa 300  
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 gaacttggac ctacaatgta aagagcggtt tgagaatgca ctgcttaata acttcagaga 480  
 tggagtacct cgtacaggct ttatgatgca ggattacgct agacttgaac agattcgagc 540  
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 gtgctattta tcaaatgc 618

<210> 13383  
 <211> 1232  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 13383

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 ttgaagcaac tcacggcgta tttgtgactt gcgctccgac ggcgagcaga gttgaagaat 180  
 caaatcaaaa tacgccagag aggagaattg aagacgaaga gagggcggct gtcctttaat 240

aataataaca gattagttct aatgaactgc attgtacctt attaaaaggg agtcaagcac 300  
agattgcgcc atcgcaagca atggaacggg cgtatgatat catgggcagg agcggggcac 360  
caaccgaatt tctccccgcc aacgtctata tcacctgctc gcagcccacg agagaccacg 420  
taattttttt tgtccctaga atctcacgct attcagcaag ataacaagcc atgtcgaaca 480  
aattcaagat caccgacctg ctgcctcttc caaactcgtc ggtgcaagat tccgcggtt 540  
ggattcggag tctatcgctc gccagcaaca caaaccaagc agtcagtcct caaggccctt 600  
gaaacaggat accgtcatat cgacactgcg cagttctacg cgaacgagat ggaggttgga 660  
gacgcgattc atgaatccgg tcttctctcg agcgagatct tcgtcaccac caagactctc 720  
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accccccttg ttgccatatt tcttcaaagt ttgccctatt ttagttttcc tccgctcttt 1140  
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<210> 13384  
<211> 1038  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 13384

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accataaaac aaaaaccaa aaaataacaa aaaaacctta aacacaaaaa taccaaacc 180  
ctaaccataa acaacaaccg gacccccaca aaaaacaacc catcaaaaaa atccaaaaga 240  
aaagcaccca aaatcaaac catacaccat cacagacaaa aagccacaac taaaaaaca 300  
accaacaaat aacaaaacca acaaaacaaa cctatcaaaa cccccacac aaaaacactc 360

aaactaaaaa accctactac aaacaacaac caaacaatac aacctcacca aacaaaccca 420  
 aacaaacctc aacaccacat caacacctaa ataaacctca accaccccc taaagaatag 480  
 taaaaaagcg aggccccaaa aacggaaaaa gaccgacata aacaaccag acaccataac 540  
 ccccaaaaata acatcaccaa aacgaaaacg acccacaat actacaaaca aagctaacac 600  
 ctggaaaaaa aaaccacaaa aaaaccaacc aaccgaacaa aaaaataaaa aaaggaccta 660  
 aaaaataaat cgaaacaata ccaaacaatt gtaattaaaa caaaaaaaaa aatatcaaac 720  
 aacacaaaaca caaataccat aaaataccac aaaaatatac aacaccacc aatacccaat 780  
 aacaaccct ccaacatata taaaacacca cattccaaaa agtacatata aatatataac 840  
 cacaacatca caatacataa atatccaaaa cattcaaacc aaaactcccc aaacacccaa 900  
 atccacagac cccaattata ccaaacaaca cactaatcaa accacacacc aaacacacaa 960  
 acaaaactacc ttaaaaaccc aacccaaaaca ccacaaccac ttaacactca actaaactat 1020  
 aacacccaaa accacctc 1038

<210> 13385  
 <211> 845  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
 <400> 13385

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 ccgtcgagat agtcggtgac tgcagcctgc ctctacagg ctcgagtcg ctataactga 180  
 ctgattttcc gctgaggcga gggaaaaccc cagcgacagg tgggggcccc gcccttattt 240  
 cctggggtcc cgaaccctat aatttgcccc ccttgcccc ggggtccaaat ggggggcccc 300  
 cttaatttgg gggccccccc cccgggttgg gggggcccc caaaaaaat tttttttttt 360  
 tggggggggg ggcccaaaaa aaaaaaaccc cccgggggtc ttttttgggg gggggggggg 420  
 gccccctcg ggagaaggcc cctcttgtt tggggggggc ctttttttta aacaccctac 480  
 aaaaaaaaag aggcgttttt tttttttctc caaaaacccc cccaataaa gggcgcttc 540  
 aaaaaaaaaa cccccgttt tgtggggggg tggtttaacc cccccctct ttttttctcc 600

tctcttgag ggcgaaaata cctccgcgga aaaaaatcaa gggggctttt tattccctcc 660  
 cccctttct cttctttttt cgcgcgcgcc tccccaagac gacccctac acccccccc 720  
 cttggtattc ttattttatt tttcttctc tntctgtcgt tctcccttc tccatataaa 780  
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 acctt 845

<210> 13386  
 <211> 661  
 <212> DNA  
 <213> Aspergillus nidulans  
 <223> unsure at all n locations  
 <400> 13386

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 aaaaaggacc ggaacaaaag aacaaaagcg gaaagactag cagaaggaag atttttttc 180  
 aacagaaaac aaaaagagaa aaggaggaag gcggaggaaa gggataacaa agaagaagaa 240  
 catgccgaca ctgagataaa aaagaagcgc ctatacagag aaaaggctga cagggaacaa 300  
 agtaaagcgc ccaataccac tagaaaagca gggggcatga accataaaaag tgcaacaacg 360  
 agggaaaaga aaactaaca caagaaaaag gggaaaaga aagaacgcgc caaacaggaa 420  
 aaggagccaa aatgaacaaa gcacaaatt gaacacgatg agaagaacgg gaaagaaaaa 480  
 cgaaggcaga actgggagta aaaacaagaa taacaacaca gggactaaca aaagaggggg 540  
 acaggaaggg gagcaagaac gaaagagacg ggaaaaaggg aaaaaaaaaa agaccgtccc 600  
 aaaaaaaac ccaaaggaaa agtacaaaaa ctattaagca acaaaacaca caaggaaaac 660  
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<210> 13387  
 <211> 761  
 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 13387

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attatatttt tatgattaat attatgaata aattatataa aattgtacat ataaataata 180  
 tgttattata attttttataa aagaaaatac ataattgcaa tattatcatt atttaattaa 240  
 ataaattttg ataaatatat aattttttaga aaatgtaaat aatatgtcta agtaaattat 300  
 ttttaaacac taatattatt attaaaatat atttaaatta caataaaaaat cgattaactt 360  
 attcattaac ataaatttat cgattaatta catttaaatt taattaatta agtattaaat 420  
 gttctatatt atgagtataa ttatattaca ataactctaa ttttgatatt caatgtattt 480  
 aataacttaa gatattttac gtcaattatt acatctatta atatattatt accctatttg 540  
 aacaattaat gtaaataaat ttaaacatat tataattaaa tgattattcg tttattaata 600  
 aaataatatt atctagacac atagatagtt tattttaatt atagactaat tataattaaa 660  
 ttacaatgta aaaattgata tatgtagtta agtattatgt aaacataata ttaattaatt 720  
 caaaagatta atcaatatat cacaatttga tagtaataca a 761

<210> 13388  
 <211> 508  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 13388

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 gacaaggcat cactggcct gcctacgaag ttgcgaatat tgttctgcgc cccagaacg 180  
 caggactgtt gcaaccacta ctctgatca aaggctatcc catacggctc cagcaacgct 240  
 catgagacaa gagagagatg gcagatccga tgacctctac gagcgcgag ctgcaactgac 300  
 aacagcaaac cagaggtacc tctaattgtg cgcgcgacag aacgctcaac atgaacagag 360  
 cacagcaccg tcctatggac cgacaccgac gcgcagggat acacgcgcag tgaccatcac 420  
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 catcgctaaa cgagcccgac tcgagcgc 508

<210> 13389  
 <211> 140  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13389

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ccacaaagta ggtaccacca 140

<210> 13390

<211> 1070

<212> DNA

<213> *Aspergillus nidulans*

<400> 13390

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tgaggacact ggccccggaa ttccgcagca cctgcaaaac cgcgtctttg aaccgtttgt 180  
gcaaggtgac ctccgtctaa atcgcaaata tgggtggcacg ggcttgggtt tgagtatctg 240  
ctcgcaactg gccagggtca tgagagggtca gatacagcta aatagtgagc agggacgggg 300  
cacgtatatt ttagtcggga tcccgttggg ttttgtcaag gaatctcccc caagcaccgc 360  
cagctcgatg acgagtctag ccgggtcgcg gacgtcgagc gttttctcgt tggatgacct 420  
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tcgcatgaac tcgggaatgc acatgtttat gaggtccgtc ttgcgacaat cattttggcg 1020  
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<210> 13391  
 <211> 393  
 <212> DNA  
 <213> *Aspergillus nidulans*  
  
 <223> unsure at all n locations  
 <400> 13391

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 gcgcaagaca gccnacaaag gccccgggca aaagcaaaca agaaccacag aacgcccacg 180  
 cggagcacga ngcaggagac acaaacaacg ccggccgagc cagcaancag gcaggacgaa 240  
 gcaccagacg gaagaaacga ggaagggcaa aggcagcnaa acgggcgcnc aacacgagaa 300  
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<210> 13392  
 <211> 395  
 <212> DNA  
 <213> *Aspergillus nidulans*  
  
 <223> unsure at all n locations  
 <400> 13392

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 accggggcac aggaaggcca ggaaaccgcc gcgggacagg caaagcgaga cagcagcgaa 240  
 aanggacccc aaagcgcgca ggcggaacca aaggaaggcc aaacgagggg aacacgccag 300  
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<210> 13393  
 <211> 1133  
 <212> DNA  
 <213> *Aspergillus nidulans*  
  
 <400> 13393

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 ctttatacct tcgcatgtga ctatgaccgt tcgggtgggca aataatcaaa tgtatccgag 720  
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 ttcattctatt cctattcttt attagggtgt tcttcttttt attctctggg tattattctt 960  
 cttcataaag gtggatcatc gtttctttct tttcaccatt ttatactata ctttatcact 1020  
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<210> 13394  
 <211> 636  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13394

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 agaagaagcc tggatcatac cggggtcacc ggccaggaca ggagttgcct ccgcctcctg 180  
 aagcacctaa cagcatgaag gctcttccga caaacgagct agaggacttg ctcacaagac 240  
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accgtcgaat tgcaccgaat acacggcatt ataaggcgggt tatacagagc aactcagatc 360  
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 ttcccgttga cgctggccca ctccgtgcag cactgctggt acgtcaattc ttgaactcga 480  
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<210> 13395  
 <211> 931  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 13395

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 gttagcctgg aagtgccttg cccaaccttg tttctgagca tgaacgcccg caagccaaca 240  
 tgttagttag agcatcaggg cgattagcag catgatatca aaacgctctg agctgctcgt 300  
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 aatctgcatt cgcttcgaat agatattaac aagttgtttg ggtgttcgaa tttcaacagg 420  
 taagttagtt gctagaacct atggctcctt tgccgacgct gagtagattt taagtacggg 480  
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<210> 13396  
 <211> 523  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13396

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ccacaacgca caaaaaaaga ccctgtgtac tgagacagaa tctttccga cactgcggaa  180
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cacattgtaa aggggcgctg gaaacggaaa acgccgatg ggcctcggcc atgctgaaaa  300
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tgacagaact caacggagca aggaggacca caatcaatgt aaggccgcca cgcataatct  420
aaaaacaaag ggcattcatga ctgacatcca cccgggacaa ggagcaacag cagcaagtgc  480
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<210> 13397  
 <211> 1016  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13397

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<212> DNA  
<213> Aspergillus nidulans

<400> 13398

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<213> Aspergillus nidulans

<223> unsure at all n locations  
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 <223> unsure at all n locations  
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<400> 13401

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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13402

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<210> 13403

<211> 1095

<212> DNA

<213> *Aspergillus nidulans*

<400> 13403

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 <223> unsure at all n locations  
 <400> 13404

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<400> 13412

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<210> 13417  
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 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

<400> 13422

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<223> unsure at all n locations  
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 <213> *Aspergillus nidulans*

<400> 13426  
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ggaccaagcg cggaatagag ccgtcatcag agccgaggcg attctgcggc cagatgtagg. 840  
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<210> 13427  
<211> 504  
<212> DNA  
<213> *Aspergillus nidulans*  
<400> 13427

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gatgcaggca gctaccatat agacgcacga tgaaggacga gtcattgatta cagagtgcaa 420  
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504

<210> 13428  
<211> 1243  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 13428

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<210> 13429



<211> 538  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13429

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cgggagccac agttgatgat agcttttagcg cgcgtgtacc cccttgcgat tttgaacttc 180
ttccatgacc aacatataga tcgagcgtct gagaaggggc tttacttata cccatagtgc 240
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ggaaggggaa acctatccct ggcagtctca tgagatggcc cgatcctgtg ttcaggtaat 480
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<210> 13430  
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 <212> DNA  
 <213> *Aspergillus nidulans*

<223> unsure at all n locations  
 <400> 13430

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atcatcgacc gtctcatcca gcgtatgcga tagaagcggg aatcagccaa ttggatgaac 180
tcggattctg catgagggat ccatactttt gatctggcgg aaaaagatag gcaaccactc 240
aatccattca acttccacct caaccagagc ttgagcagcg cccagtcctt ggctgagtag 300
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atttgttcgc tggctcgtgac caagaagctg ttgcgacgca gtggctcgca tattgtctgc 600
tcgcgacgcg tgcaacatct gccagaagcc cacgggagaa tcccctagtg cggactgacg 660
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 tatgtgaccc cagagaacct gatcaggaac aatatcgaat ttatcaatat agcggtaaag 840  
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<210> 13431  
 <211> 788  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13431

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 caagggtaat cttcagttca ttattagagt catcttccca taatatgccc tagaatagac 180  
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 ggtaggatgt tctcgctaac cgttggtaaa gcgattgcag ttgactacga tgaaaaagac 360  
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tttgagggtca gatataatattt attctgctat tagaccttct tgctgaattc ggaacaatat 480  
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 caactggaca ccatgttgct agttttctga cccaagaaga tcgattctcg ggtaaagcaa 720  
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<210> 13432  
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 <212> DNA  
 <213> *Aspergillus nidulans*

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 ccatgcttcg agtccatga ataacatcat gaatcacctg tcagcactat gttatcattt 180  
 cttttacact ggcagatata tccctacagc acttcatttc tggctctgac aaattcgtca 240  
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 aggaataatc cgactccgta atcgagtcct gcacctcatc agagttgcgc gaattcgact 480  
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 ggtgtcatga gacttggtga gtctggataa aggcaacttg cgctcgccgc cgcctcacat 600  
 tctataccaa agaccaatc agcggcagaa gattgaggta ggaagcagca tacttctcta 660  
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 cgacgctggg tcgtcatcca caacagtt 748

<210> 13433  
 <211> 1315  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13433

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<210> 13434

<211> 837

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 13434

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gcgcgaagcc tcggtgcaga cccgcagtgt acaactcacg atccatgcac tataacagaa 660  
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ttagtntct ttttctact ttattgatgg gcagcactca ttatcagcac tctgctgtag 780  
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<210> 13435

<211> 713

<212> DNA

<213> *Aspergillus nidulans*

<400> 13435

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cgactacctt aactagagta tatggagggc cgtgatgata catctcaacg ctgatatgac 180  
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 <212> DNA  
 <213> *Aspergillus nidulans*

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 cttccgtgga gccgtctcta gttggctctt atcgcccttg ctccaattac tctacctcct 180  
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 accactcat tattgttaaa caaacat 268

<210> 13437  
 <211> 532  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 13437  
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 acggagccgg acgcctctgc taacaaagtg tccagggtccg cctgggttcc gttcatccag 180  
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 ttggagaaaa ctaccgctc tggttggtggc tggacgaggg gggcaatctc aacgcctcc 480  
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<210> 13438

<211> 1010  
 <212> DNA  
 <213> Aspergillus nidulans  
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<210> 13439  
 <211> 255  
 <212> DNA  
 <213> Aspergillus nidulans

<223> unsure at all n locations  
 <400> 13439

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acttcattct ttcaatctat gaggtaacnt tcgcatcccg acaatcctcc aactgatctt 180
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<210> 13440  
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<212> DNA  
<213> Aspergillus nidulans

<400> 13440  
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ctatatccac tgcgttttat gcgatcc 147

<210> 13441  
<211> 451  
<212> DNA  
<213> Aspergillus nidulans  
<223> unsure at all n locations  
<400> 13441

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taccaattgg ggggccaagt gaaatttttc acaacattat aatgacccat aatggcgcgc 360  
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actacaagtc ggattattgc agcgaggcat g 451

<210> 13442  
<211> 299  
<212> DNA  
<213> Aspergillus nidulans

<400> 13442  
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tatacggata gactagtcat gtgcacgtat cgtaatcacg gcattatcga taaactagca 240  
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<210> 13443  
<211> 521  
<212> DNA  
<213> Aspergillus nidulans

<400> 13443

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<212> DNA  
<213> Aspergillus nidulans

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